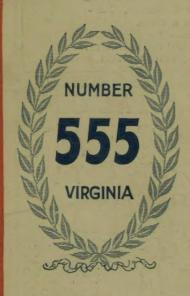
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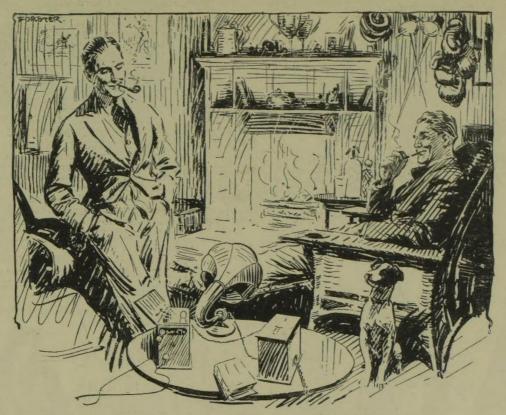
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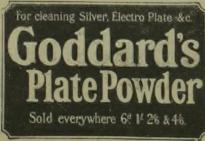
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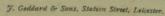
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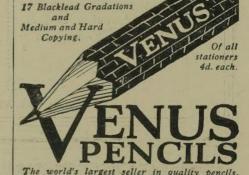
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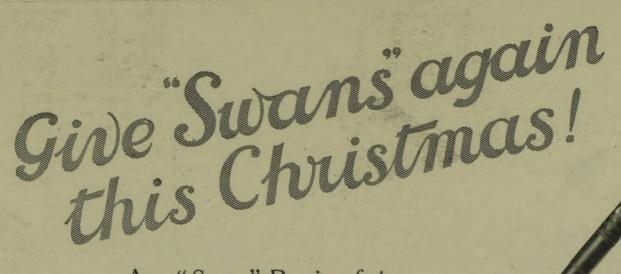
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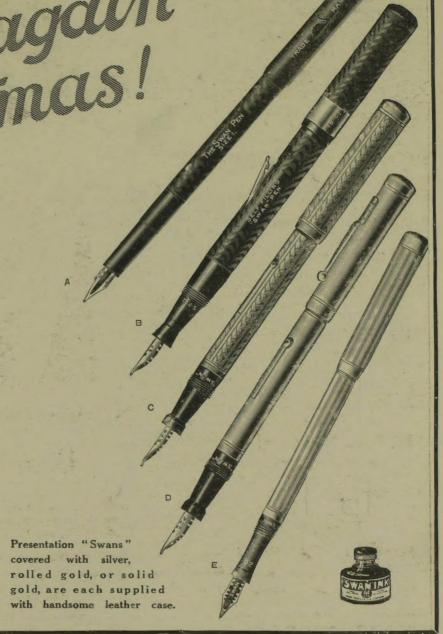
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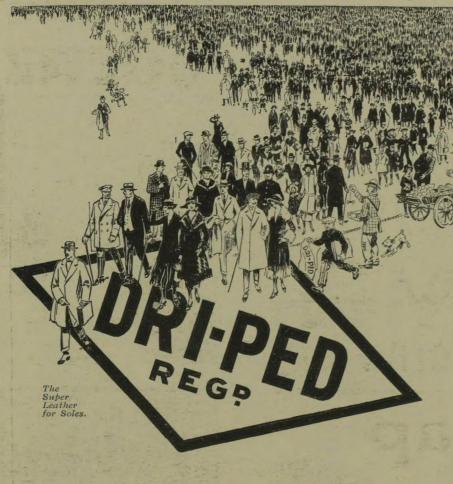
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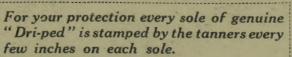
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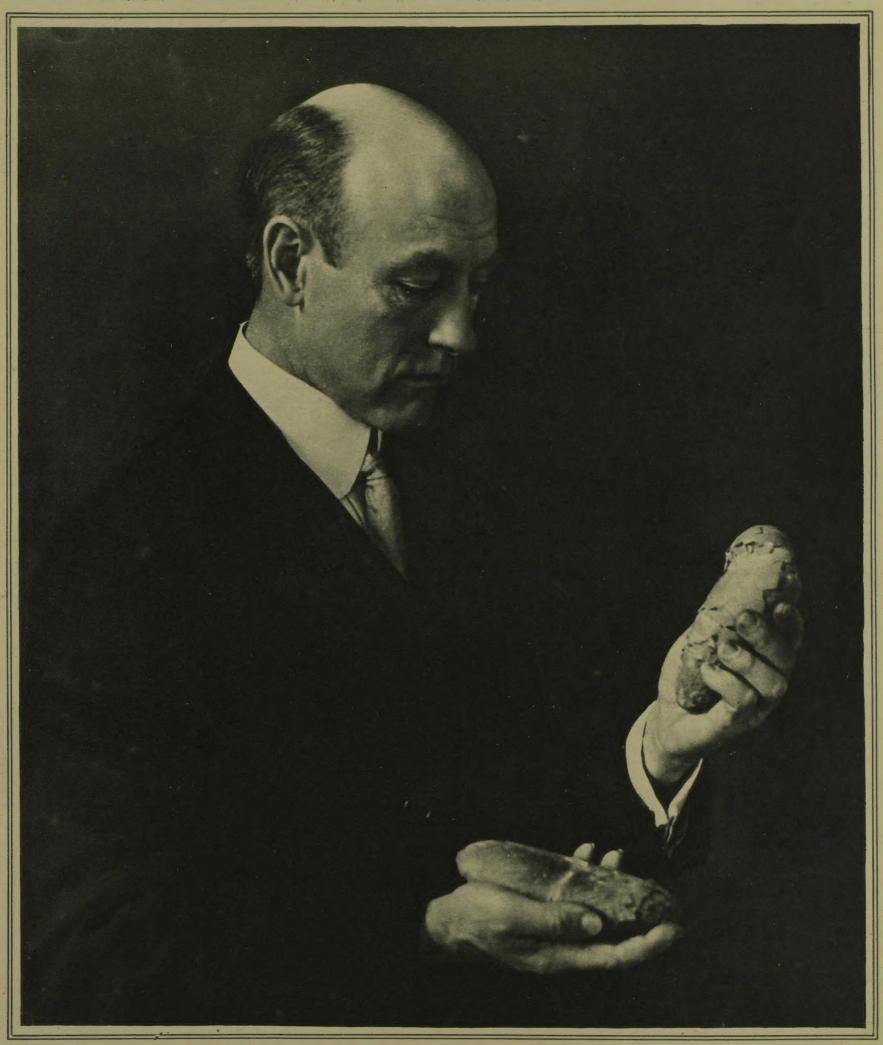
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SATURDAY, DECEMBER 15, 1923.

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HOLDING TWO OF THE TWENTY-FIVE 10,000,000-YEAR-OLD DINOSAUR EGGS FOUND IN MONGOLIA BY THE EXPEDITION UNDER HIS COMMAND: MR. ROY CHAPMAN ANDREWS, THE DISTINGUISHED ZOOLOGIST.

Mr. Roy Chapman Andrews was the leader and zoologist of the Third Asiatic Expedition of the American Museum of Natural History, in co-operation with ASIA Magazine and the American Asiatic Society, which has achieved such extraordinary results in the Gobi Desert of Mongolia. By special arrangement with ASIA Magazine, we are enabled to give in this number his own account of the discoveries, together with many of the first official photographs of the

expedition. The fascinating article by Mr. Andrews on other pages reveals him as a genial chief on the best of terms with his staff, and as a scientist deeply versed in his subject and gifted, moreover, with literary charm and a sense of humour. He is here seen "holding two of the ten-million-year-old dinosaur eggs after they had been unpacked at the American Museum of Natural History in New York. The eggs, yellowish-brown in colour, are solid sandstone."

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By G. K. CHESTERTON.

NAME has appeared in our newspapers rather suddenly and merely sensationally—the name of Léon Daudet, of L'Action Française-in connection with a police mystery about an alleged suicide in his family. As I read the paragraph in the papers, I reflected that this is almost the only sort of news we ever do get in connection with that sort of name. If there was a crime, it was the sort of crime that generally comes at the end of a controversy; but in this country we never hear of the controversy until we hear of the crime. The pen may be mightier than the sword, but it is not so noisy as the 'pistol; and until we hear the welcome noise of foreign pistols we hear practically nothing of the work of foreign pens. But this leaves us in a rather perilous ignorance of contemporary literature and philosophy. A Frenchman would not have learned much about English literature, if he never heard of Shakespeare except as somebody arrested for deer-stealing. A Frenchman would not gather much about English politics, if he

never heard of Pitt except on the occasion when a blunderbuss was fired after him at a turnpike. But it is only at these moments that we seem to see the individuals who now influence Continental culture. It is only in a series of sensational snapshots, indeed, that have had any glimpses of French and other foreign controversies for some time past. I can just remember in my boyhood being old enough to see, though not old enough to judge, the last of the meaningless melodramatic pictures of this kind, published in connection with the business of General Boulanger. It was characteristic of our journalistic version of it that it was entirely about General Boulanger. There was next to nothing in it about Paul Déroulède, who was the real hero of the business and revealed its really heroic side. None of our journalists troubled about what Déroulède was really driving at, and none of them troubled about what Daudet is really driving at. They are content to describe M. Daudet as a Royalist leader, and anyone who knows French and Eng-

journalism will know that this correct phrase will have all the effect of a mistranslation. It is as if somebody who had never heard of Mr. H. G. Wells were told that he was one of the Labour candidates, or as if a man knew nothing of Mr. Rudyard Kipling except that he was called a Conservative. The Royalism of L'Action Française is of a very individual and interesting kind; it has really nothing to do with the sentimental legend of loyalty to the Bourbons. It is much more like the case for a dictator, in which many hearty democrats like Déroulède have believed. But it seems very difficult to interest our own journalists in these very interesting things. When these lines appear the General Election will be over, and the reader may receive with serenity my own confession that I have not read or heard a word in the whole controversy of any of the real fundamental questions about the danger or decline of a commercial State.

If we do not understand the principles on which we ourselves vote and speak, it can hardly be expected that we should understand the other principles upon

which other nations in various fashions work and fight If the Free Trader does not know what he means by Free Trade and the Tariff Reformer does not know what he means by Tariff Reform, it is natural enough that neither of them should know what the Fascist meant by Fascism or the Sinn Feiner meant by Sinn Fein. Nevertheless, I think it necessary by this time that some protest should be made against the international ignorance, which is nowhere more notable than among internationalists. The patchy and meaningless nature of our news about Europe is becoming a very dangerous thing. We shall be left behind by movements of which we have heard only the rumours. We shall be outflanked and surrounded by forces of which we know nothing but the names, which are foreign and therefore funny. At the best our journalists seem to regard these new realities as eccentricities, sometimes as picturesque eccentricities in externals. I saw an article on the Fascisti recently in one of the most widely circulated of our great daily

ternals. I saw an article on the Fascisti recently in one of the most widely circulated of our great daily

In that case the scandal scandal of Panama. Great daily

In that case the scandal scandal of Panama. Great daily

LABOUR'S LEADER: MR. RAMSAY MACDONALD, M.P., WITH HIS DAUGHTERS (LEFT TO RIGHT), SHEILA, JOAN, AND ISHBEL.

After the General Election it was suggested that Mr. Ramsay Macdonald, as Leader of the Labour Party, might be invited by the King to form a Government. He was reported to be ready to accept, but not inclined to form any coalition with the Liberals. On returning to London from South Wales he said: "I cannot say that the gratifying election results surprise me. I had a very fair idea of our influence in the country." Mr. Macdonald was born at Lossiemouth in 1866, and has been a widower since 1911. His wife was a daughter of the late Dr. J. H. Gladstone, F.R.S. He has published a memoir of her, and a number of books on Socialism and politics.

Photograph by L.N.A.

papers. It consisted entirely of congratulating the Fascisti on gradually abandoning black shirts and taking to black coats. The writer evidently felt that so long as the Italian nationalist would consent to model his collars and cuffs upon those of an Islington pawnbroker out for a Sunday walk, we had the best guarantee of the wisdom and moderation of the movement. Then he turned solemnly and addressed the same warning to our own Labour Party, saying that he hoped they also would learn to put on cuffs and collars of the conventional pattern, and presumably abandon red ties as the others had abandoned black shirts. Most of the Labour men I know are already of a respectability almost oppressive, in dress and everything else; but anyhow it was by dress that we were here directed to judge them. We were to watch eagerly the evolution and fluctuating outline of Mr. Clynes's hat; we were to keep our eyes firmly fixed on the necktie of Mr. Barnes and await anxiously the appearance of a new one; we were to count the buttons on the waistcoat of Mr. Jones, and stake all upon the state of Mr. Snowden's last pair of boots.

If this is the best way our journalists have of judging an English thing like the Labour Party, it is, perhaps, not surprising that it is their only way of judging a foreign thing like the movement of Mussolini. Yet that thing in itself is so little understood by such writers that it would need quite a long explanation to enlighten them. On the day I read that precious passage about the coats and hats of Mussolini and Macdonald, I made an attempt to lecture on the subject, and certainly it is a large subject. But, broadly speaking, the fact which newspapers ought to convey, and which newspaper readers ought to know, is substantially this. There has been going on all over Europe, including England, for a long time past a reaction against Parliamentarism-or, as we should probably put it here, a reaction against politicians. The real meaning of the affair of Boulanger was that it was the first of these revolts against Parliamentarism. In that case the scandal of Parliamentarism was the scandal of Panama. Great patriots denounced the cor-

ruption of small politicians; but, unfortunately, the great patriots had a leader who was himself comparatively small. As he was comparatively small and insignificant, he was, of course, the only person we were ever told about at all. And we were told very little about Boulanger except that he rode a black horse. just as we were told very little about Mussolini except that he wore a black shirt. What made Boulanger good copy was that he shot himself, just as what makes Léon Daudet good copy is that his son is said to have shot himself. Men committing suicide will always be reported; but men trying to prevent great nations from committing suicide are not reported at all. Anyhow, these revolts against corruption went on all over Europe; I myself had some experience of one of them, here in England. The main fact about the Fascisti is that they were the latest of these revolts of patriotism against Parliamentarism, and that the latest revolt has succeeded.

The particular theory of monarchy set forth by

Léon Daudet, and set forth more clearly by his more brilliant colleague, Charles Maurras, is one that is really highly realistic and relevant. It is not necessarily right, and there are many respects in which I myself think it quite wrong. But it is one of the genuine results of this reaction against the corruption of Parliaments. It is one of the genuine and rational solutions of that problem of corruption. Above all it is clearly and courageously set forth, in that admirable sort of plain French that corresponds to what we call plain English. It maintains in substance that what is called democracy is always in fact plutocracy. It maintains that the only alternative to the rule of the rich is to have a ruler who is deliberately made more powerful even than the rich. It is to have a ruler who is secure of his place, instead of rulers who are fighting for their place.

Unfortunately, at this moment plain English is a good deal rarer than plain French; and all these serious Continental controversies do not appear in England in the form of plain English, but of a sort of disjointed journalese.

PERSONALITIES OF THE WEEK: PEOPLE IN THE PUBLIC EYE.

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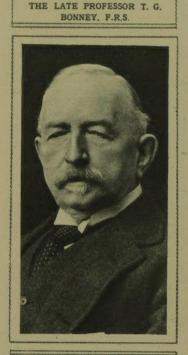
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A WELL-KNOWN SHIPOWNER: THE LATE SIR THOMAS L. DEVITT, BT.



EMINENT GEOLOGIST:

PRESIDENT OF THE CANADIAN PACIFIC RAILWAY: THE LATE LORD SHAUGHNESSY.



THE PRINCE OF WALES FINISHES THIRD IN A RACE AT SANDOWN PARK:
H.R.H. ON THE EARL OF WESTMORLAND'S PHACO, GOING TO THE POST.



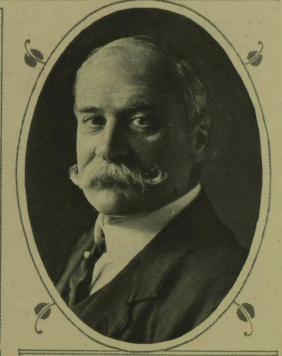
EX-LORD MAYOR OF LONDON: THE LATE SIR E. C. MOORE.



A FAMOUS FRENCH WRITER DEAD: THE LATE M. MAURICE BARRES.



THE UNTIMELY DEATH OF A TALENTED ACTRESS:
THE LATE MISS MEGGIE ALBANESI.



A GREAT SURGEON, WHO OPERATED ON KING EDWARD: THE LATE SIR FREDERICK TREVES.

The Hon. Charles Rhys, who is 24, is the eldest son of Lord Dynevor.—Professor Bonney, who was 90, was born at Rugeley in 1833. In 1877 he became Professor of Geology at University College, London, and in 1910 was President of the British Association.—Dr. Sun Yat Sen, head of the Chinese Southern Government, recently threatened to seize the Customs House at Canton. Foreign Marines landed and occupied it.—A rebellion, headed by Señor Huerta, against the Obregon Government broke out in Mexico on December 6. Heavy fighting ensued.—Lieut.-Col. Godwin-Austen was a great pioneer in Himalayan mountaineering and exploration, and also eminent as a geologist and palæontologist. The second highest mountain in the world bears his name.—Sir Thomas Devitt,

senior partner in Devitt and Moore, was prominent among British ship-owners.—
Lord Shaughnessy was President of the Canadian Pacific Railway from 1899 to 1918.—On December 7 the Prince of Wales rode Lord Westmorland's Phaco in the National Hunt Flat Race at Sandown Park, finishing third.—Sir Edward Moore, by profession a chartered accountant, was Lord Mayor of London last year.—M. Maurice Barrès, the French writer, came into note in 1887 with "Sous l'Oeil des Barbares."—Miss Meggie Albanesi, who was only 24, was playing in "The Lilies of the Field," at the Ambassadors, a few days before her death.—Sir Frederick Treves, the great surgeon, successfully operated on King Edward when he was taken ill in 1902 shortly before the date fixed for his Coronation.

'VARSITY "RUGGER" BLUES; ROYAL CATTLE; TUTANKHAMEN; MEXICO.

Photographs by Sport and General, the "Times" (Copyright), and Keystone View Co.



IN THE OXFORD "RUGGER" TEAM: MR. H. P. JACOB.



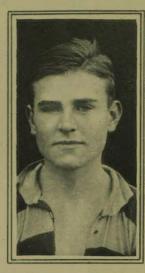
THE OXFORD "RUGGER" CAPTAIN: MR. G. P. S.







HAMILTON-WICKES.



IN THE OXFORD "RUGGER" IN THE CAMBRIDGE "RUG- THE CAMBRIDGE "RUG- IN THE CAMBRIDGE "RUG- TEAM: MR. T. LAWTON. GER" TEAM: MR. T. E. S. GER" CAPTAIN: MR. R. H. GER" TEAM: MR. D. J.



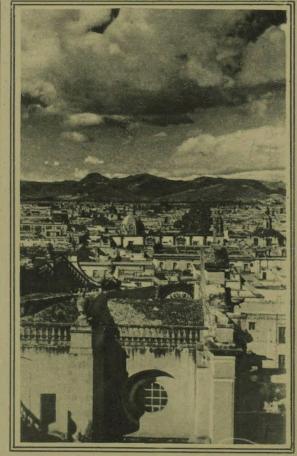
THE KING AS EXHIBITOR OF LIVE STOCK: HIS MAJESTY WITH HIS HEREFORD HEIFER, PRIZE AND BREED CHAMPION) AT THE SMITHFIELD SHOW IN THE AGRICULTURAL HALL. CLAIRVOYANT JEWEL (FIRST



EXHIBITED BY THE EXECUTORS OF THE LATE SIR ERNEST CASSEL: A PEN OF THREE SUFFOLK AND FAT WETHER SHEEP (FIRST PRIZE AND CHAMPION) AT THE SMITHFIELD SHOW,



SWATHED IN BANDAGES, LIKE A "STRETCHER CASE" CARRIED BY AMBULANCE-BEARERS: ONE OF THE LIFE-SIZE STATUES OF TUTANKHAMEN BEING REMOVED FROM THE TOMB UNDER THE SUPERVISION OF MR. HOWARD CARTER.



THE HEADQUARTERS OF THE REVOLUTIONARY FORCES IN MEXICO: VERA CRUZ, THE PRINCIPAL SEAPORT.

The Oxford and Cambridge Rugby Football match, played at Twickenham on December 11, in the presence of the King, was won by Oxford by 21 points to 14. Oxford so far has not been beaten this season. The portraits given above are typical of both sides. One of the Cambridge team (now Sir T. G. Devitt) is a grandson of the late Sir Thomas L. Devitt (whose portrait appears on our Personal" page), and has just succeeded to the baronetcy. - The King visited, on December 10, the Smithfield Club's annual Show at the Royal Agricultural Hall, where his Majesty's prizes included two first prizes and the breed cup for Devon cattle, the breed cup for a Hereford heifer (seen in our illustration), and a second prize for a Shorthorn heifer, from Windsor. The Sandringham exhibits

also gained several successes. The executors of the late Sir Ernest Cassel won the Prince of Wales's Cup for the best pen of three sheep or lambs bred by the exhibitor.-The two life-size wooden statues of Tutankhamen, that guarded the entrance to the sepulchre in the ante-chamber, were removed from the tomb on November 29 and 30. They were carefully wrapped in cotton-wool and bandages and carried in a large tray. Much progress has since been made in the sepulchre itself.—Reports of the Mexican rebellion stated on December 11 that the town of Jalapa, in the State of Vera Cruz, had been captured by the rebels, after a battle in which 300 were killed on both sides, and was later retaken by the Federal forces, who also captured Ciudad Victoria.

ETON WAR MEMORIAL TAPESTRIES; AND THE NATION'S NEW PICTURES.

PHOTOGRAPHS BY PHOTOPRESS, G.P.U., AND THE "TIMES" (COPYRIGHT).



WHERE THE SAINT IS SAID TO RESEMBLE THE PRINCE OF WALES: THE DESIGN FOR THE THIRD OF THE ETON TAPESTRIES—THE MARTYRDOM OF ST. GEORGE, AND HIS ENTRY INTO PARADISE.



HUNG IN THE LOWER CHAPEL AT ETON FOR FOUNDERS' DAY: THE FIRST PANEL OF THE SERIES OF TAPESTRIES—ST. GEORGE'S SCHOOLDAYS, WITH VIEWS OF THE CHAPEL AND WINDSOR.



"ST. GEORGE AND THE DRAGON": BATTLING WITH THE POWERS OF EVIL-THE SECOND OF THE FOUR TAPESTRIES, SYMBOLIC OF ETON'S PART IN THE WAR, DESIGNED BY MRS. AKERS-DOUGLAS AND WOVEN ON THE WILLIAM MORRIS LOOMS.



BOUGHT FOR THE NATIONAL GALLERY (MODERN FOREIGN SECTION): "THE YELLOW CHAIR," BY VINCENT VAN GOGH, FROM THE LEICESTER GALLERIES EXHIBITION.



ALSO BOUGHT FOR THE NATIONAL COLLECTION: "THE POSTMAN, ARLES," BY VINCENT VAN GOGH, EXHIBITED AT THE LEICESTER GALLERIES.



BOUGHT FOR THE TATE GALLERY: AN EARLY MASTERPIECE BY DEGAS—"JEUNES SPARTIATES S'EXERÇANT À LA LUTTE," RECENTLY PLACED ON VIEW AT THE GOUPIL GALLERY SALON.

Part of the Eton College War Memorial consists of the decoration of the Lower Chapel with a series of four tapestries depicting the legend of St. George, and symbolic of the part played by Eton's sons in the war. They are in the transition style between Gothic and Renaissance. The designing was entrusted to the Hon. Mrs. Akers-Douglas, and the work is being carried out at the William Morris looms at Merton Abbey, which are unique as carrying on the tradition of English tapestry. The first panel, that representing St. George's boyhood and schooldays, was removed from the loom on December 4, and temporarily hung in the chapel at Eton in time for Founders' Day on the 6th. The second panel, then still on the loom, shows St. George going forth to battle for the relief of distress and the

destruction of evil. In the centre is the combat with the Dragon, watched by the rescued princess. The third panel, recently started on the loom, shows the persecution and martyrdom of St. George, and a fourth will show the Crusades and Richard Cœur-de-Lion's attempt to bring St. George's body back to England. As sitters, Mrs. Akers-Douglas had some Eton boys of her own family, but the St. George is said to resemble the Prince of Wales, especially in the third panel.—The above pictures by Vincent van Gogh, both painted in 1888, were bought for the National Gallery from the exhibition of the artist's work at the Leicester Galleries. The picture of a Spartan wrestling match, by Degas, bought by the Courtauld Committee for the Tate Gallery, is on view at the Goupil Gallery.

LIBERAL GAINS IN THE CITADEL OF FREE TRADE: NEW MANCHESTER M.P.s.

PHOTOGRAPHS BY ELLIOTT AND FRY, LAPAYETTE (MANCHESTER), RUSSELL, BARRATT, BLAKE STUDIOS, AND SPORT AND GENERAL



MR. T. R. ACKROYD, M.P. (L.); MOSS SIDE (LIB. GAIN). Mr. Ackroyd, a retired lank in shaper, is chairman of the Manchester and Salford Ragged Schools Union, and devotes himself to social and educational work for neglected children



MR. P. M. OLIVER, M.P. (L.); BLACKLEY (LIB. GAIN), Mr. Oliver is a barrister practising on the Northern Circuit, and is Honorary Secretary of the Manchester Liberal Federation. He contested the Division both in 1918 and 1922.



MR. R. N. BARCLAY, M.P. (L.); EXCHANGE (LIB. GAIN). Mr. R. Noton Barclay is a member of the Munchester City Council and an ex-President of the Manchester Chamber of Commerce. He is prominent in social and philanthropic work.



MR. T. LOWTH, M.P. (LAB.); ARDWICK (NO CHANGE). Mr. Lowth is an official of the National Union of Railwaymen. He contested Ardwick unconcentually in 1918, but won last year.



MR. J. COMPTON, M.P. (LAB.); GORTON (NO CHANGE). Mr. Compton is on the City Council. He is Assist. Sec., U.K. Coachmakers' Union, and was nominated by the Vehicle Builders' Union.



MR. J. E. SUTTON, M.P. (LAB.); CLAYTON (LAB. GAIN). Mr. Sutton formerly worked as a miner, and then became an agent of the Lancs. and Cheshire Miners' Federation.



(NO CHANGE). Mr. Clynes, the well-known Labour leader, is President of the National Union of General Workers. He was Food Controller in 1918-19.

MR. J. R. CLYNES, M.P. (LAB.); PLATTING



MR. C. F. MASTERMAN, M.P.; RUSHOLME (LIB. GAIN). Mr. Masterman has been Chairman of the National Health Commission, and has held other Ministerial posts. He was at one time literary editor of the "Daily News."



LT.-COL. J. NALL, M.P. (U.); HULME (NO CHANGE). Colonel Nall is a director of a firm of carriers and director of the Manchester Chamber of Commerce. He is also a member of the National Church Assembly.



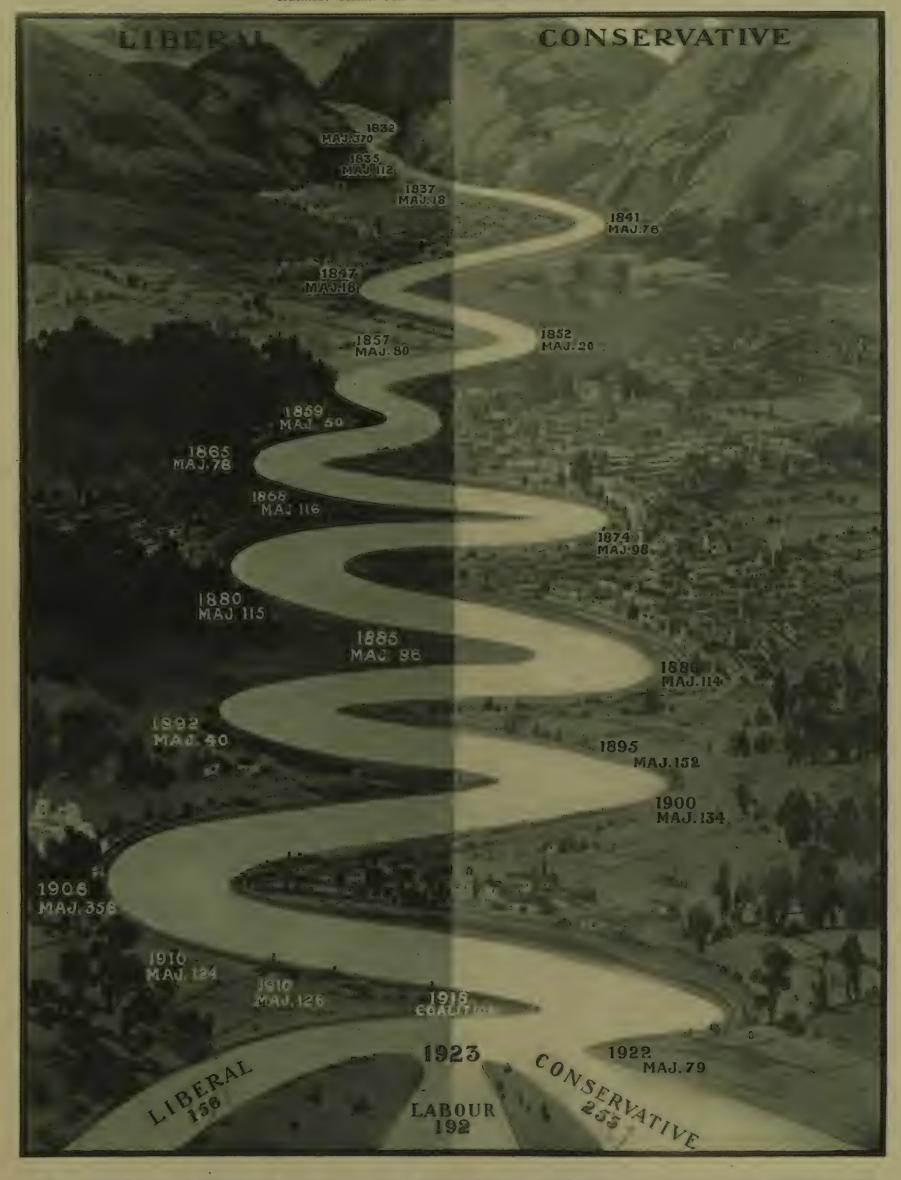
MR. E. D. SIMON, M.P. (L.); WITHINGTON (LIB. GAIN). Mr. E. D. Simon was Lord Mayor of Manchester in 1921-22-He is the head of a Manchester engineering firm.. He con tested the Withington Division last year.

Manchester was one of the principal fields of the Government defeats in the General Election. Out of a total of ten seats no fewer than five were captured by Liberals, and one by the Labour Party, which already held three of the rest. Only one division-that of Hulme-was retained for the Unionists by Colonel Nall. Manchester may therefore be said to have practically "gone solid" for Free Trade, of which it is the traditional headquarters. This question was no doubt

the determining issue of the contests. The Liberal successes were due to the fact that the party has always been associated with the Free Trade movement, and was also opposed to the Labour scheme of a capital levy. Thus Liberals came out best in triangular elections. We give above the portraits of the ten newly elected Members for Manchester, indicating in each case the names of the Division and the Party, and whether the result was a change or not.

THE WINDING STREAM OF PARTY POLITICS: ELECTIONS SINCE 1832.

SPECIALLY DRAWN FOR "THE ILLUSTRATED LONDON NEWS."



NOW CHECKED BY A TRIPARTITE "DELTA": THE FLUCTUATING ALTERNATION OF LIBERAL AND CONSERVATIVE VICTORIES IN GENERAL ELECTIONS DURING THE LAST 90 YEARS—SHOWING THE MAJORITIES.

The common metaphor for the alternation of party victories in successive General Elections is "the swing of the pendulum." Here we adopt another figure, that of a winding stream. Conservative victories in General Elections since 1832 are shown in the light-shaded half of the picture on the right of the central vertical line, and Liberal victories in the darker half on the left. The advent of a third competitor, the Labour Party, has interfered with the flow of the stream, and in the election just ended has divided it into three channels forming a delta. The drawing recalls the fine description of the Oxus at the close of Matthew Arnold's

"Sohrab and Rustum." "Then sands begin To hem his watery march, and dame his streams, And split his currents; that, for many a league, The shorn and parcell'd Oxus strains along. . . . A foil'd circuitous wanderer." The danger of a tripartite political system was recently pointed out by the "Times," which said: "The mischiefs inseparable from the existence of a third party in the House of Commons, too feeble to hope for office itself, but strong enough to award the prize to either of the other two . . . were amply exhibited when the Irish Nationalists were such a party."—[Drawing Copyrighted in the United States and Canada. C.R.]

THE EIGHT WOMEN M.P.s: THREE PEERESSES TO SIT IN THE COMMONS.

PHOTOGRAPHS BY MISS COMPTON COLLIER, ELLIOTT AND FRY, CENTRAL PRESS, BARRATT, TOPICAL, AND LIZZIE CASWALL SMITH.



LADY TERRINGTON, M.P. (LIBERAL). (BUCKS; WYCOMBE).



THE DUCHESS OF ATHOLL, M.P. (UNIONIST).

(PERTH AND KINROSS; KINROSS AND WESTERN).



MRS. HILTON PHILIPSON, M.P. (UNIONIST). (BERWICK-ON-TWEED).



Lady Terrington is the wife of Lord Terrington, the second Baron. She is deeply interested in social questions, and is a keen sportswoman.—The Duchess of Atholl is a daughter of Sir James Ramsay of Bamff, and is a member of the Perthshire Education Authority.—Mrs. Hilton Philipson was well known on the stage as Miss Mabel Russell. She retired on her marriage to Captain Hilton Philipson, but reappeared occasionally between 1912 and 1916.—Mrs. Wintringham was formerly a teacher at Grimsby. Her husband died suddenly in the House of Commons in 1921, and she was elected to his seat.—Miss Jewson is a

daughter of the late Mr. George Jewson, timber-merchant, of Norwich and Yarmouth. She was educated at Girton.—Lady Astor, an American by birth, was the first woman to sit in the Commons, succeeding her husband, then Mr. Waldorf Astor, when he became a peer in 1919.—Miss Susan Lawrence is on the L.C.C., and is an Alderman of Poplar Borough Council. She was formerly a Conservative, but joined the Labour Party in 1912.—Miss Margaret Bondfield is President of the Trade Union Congress, the first woman to hold that position, and Secretary to the National Federation of Women Workers.

"LORDS" IN THE COMMONS: M.P.s. WHO ARE IN THE "PEERAGES."

PHOTOGRAPHS BY BASSANO, ELLIOTT AND FRY, HOWARD BARRETT, L.N.A., WARSCHAWSKI STUDIOS (St. Leonards), Hutchinson and Russell, Russell, Russell, Lapayette, and Winter (Preston).



These thirteen members of the recently elected House of Commons are all to be found in the "Peerages." All are Unionists. Eleven of them are bearers of courtesy titles as the sons of peers, and two—Lord Huntingfield and Earl Winterton—are holders of Irish peerages, but not Representative Peers for Ireland. Debrett's "House of Commons" states that the "persons disqualified to sit as members of Parliament" include "Every member of the House of Lords, the Representative Peers of Ireland, all Scottish Peers (whether Representative or otherwise)." To take the above M.P.s' names in numerical order—Lord Wolmer is the eldest son of the Earl of Selborne. He entered Parliament in 1910, and last year became Parliamentary Secretary to the Board of Trade.—Lord Huntingfield succeeded to the Barony in 1915. Last year his claim to vote at the election of Representative

Peers for Ireland was admitted.—Lord Titchfield is the eldest son of the Duke of Portland.—Lord Dalkeith is the eldest son of the Duke of Buccleuch. He is a J.P.—Lord Eustace Percy is a son of the seventh Duke of Northumberland.—Earl Winterton is an Irish Peer. He entered Parliament in 1904, and last year became Under Secretary for India.—Lord Ednam is the eldest son of the Earl of Dudley.—Viscount Curzon is the only son of Earl Howe.—Lord Colum Crichton-Stuart is a son of the third Marquess of Bute.—Lord Elveden is the eldest son of Lord Iveagh. He entered Parliament in 1918.—Lord Henry. Cavendish-Bentinek is a half-brother of the Duke of Portland. He sat first for N.W. Norfolk, 1886-92.—Lord Apsley is the elder son of Earl Bathurst.—Lord Stanley is the elder son of the Earl of Derby.

By ROY CHAPMAN ANDREWS,

Leader of the Third Asiatic Expedition of the American Museum of Natural History, in co-operation with ASIA Magazine and the American Asiatic Society.

TEN million years ago, a goblin-like creature stood on the edge of a shallow basin in what now is called Mongolia. Its great round eyes stared unblinkingly from a thin, hatchet face, ending in a hooked beak. Its head sloped up and back into a circular bony frill which formed a solid armature over the slender neck, and almost covered the shoulders. Low in front and high behind, with its ten-foot body ending in a thick tail, it seemed like a horrid, nightmare phantasy. It gazed across a fertile upland with lush grass, where forest patches broke the skyline and dotted the open savannahs with islets of

vivid green. Slowly it waddled down the slope and settled itself into the sand, and there in the hollow it left ten elliptical white eggs, fated, though warmed by the sun's rays, never to be hatched.

But it and its kind laid other eggs, which did hatch, and they lived their allotted span and died. They never could know that their progeny, after thousands of generations, would wander into Siberia, cross the land-bridge to America, and spread inland from its western coast. They did not know that their offspring would become the most grotesque of creatures; that they would grow to enormous size and develop horns; that the bony frill protecting the neck would expand into a formidable shield so broad that a man scarcely could span it with his arms!

Yet these things came to pass, and, when the fossil bones of *Triceratops*, the most formidable of the three-horned dinosaurs, were found in America, no man knew whence they came. They appeared completely developed in the Cretaceous rocks, and gave no clue to their family tree.

It was on a brilliant day of midsummer, ten million years after the reptile had made its nest in the sandy hollow, that we pitched our tents on the rim of a great depression just above the spot where the eggs were laid. Since that far, dim day when they were left to be hatched by the Cretaceous sun, hundreds of feet of earth had drifted over them and, through the action of the wind, frost, and rain, had been worn away again, leaving them half exposed. Some showed only as

bits of broken shell, but four remained intact. They were no longer white; during their long entombment, they had changed to a delicate brown.

The dinosaur that laid the eggs would never have recognised the surroundings of her nest could she have seen them in 1923. A great depression a dozen miles in width and more than that in length had been scooped out of a plain as hard and smooth as a tennis-court, which swept in gentle undulations to the base of the Altai Mountains, thirty miles away.

The plain dropped abruptly into the basin, its edge a vast complex of ravines and gullies, red battlements and rounded turrets. Sheer walls and gigantic chimneys stood isolated on the sandy floor like the ruins of a war-swept city. Among these wandered two humped camels, and sheep drifted in snow-white patches over the green reaches of a dying lake-bed.

We had come through the desolation of a sunparched desert from Ola Ossa, "Mountain Waters Camp, "four hundred miles to the east, and had left our caravan there to follow us with food and gasoline. If they did not reach us, the situation would be serious. Without gasoline we should be well-nigh as helpless as Robinson Crusoe on his desert island, yet we must reach the red

fossil-beds at the eastern extremity of the Altai Mountains, where the ancestral dinosaur had been found the year before. It was only a skull eight inches long, but it had given us a palæontological vision of dazzling brilliance.

It had been discovered in a way that shows how much luck there is in fossil-hunting. When we were returning to Kalgan in September 1922, we stopped for half an hour at two Mongol yurts, to inquire about trails. While I was gone, J. B. Shackelford, the photographer, who was riding with me in the leading car, wandered off to look at some earth ovens left by Mongols at a winter's camp not far from the trail. Much to his surprise, he saw that we were on the edge of a plateau that fell sharply away into a great basin. This fact could not be noted from the road. He decided to spend five minutes in looking for fossils, and, if he



SIMILAR IN SURFACE TO THE MONGOLIAN DINOSAUR EGGS: FRAGMENTS WHICH WOULD SEEM TO BE PROVED TO BE PIECES OF A DINOSAUR EGG—FOUND IN UPPER CRETACEOUS BEDS AT ROGNAC, IN PROVENCE.

(ACTUAL SIZE.)

The great American discovery of dinosaur eggs in Mongolia seems to confirm the theory that these fragments, now in the British Museum of Natural History, and reproduced in our issue of Nov. 17 last, are parts of a similar egg, as they have a similarly "pebbled" surface.

By Courtesy of the British Museum of Natural History. Photograph specially taken for

"The Illustrated London News."

did not find bone within that time, to return to the cars. Almost at once he discovered a small white skull, lying on the summit of a low sandstone pinnacle. He brought it back to the cars, and, since none of us could identify it, and Walter Granger felt confident that it represented an unknown group of reptiles, we camped at once, and spent the hour and a half of daylight that remained in exploring the locality. The skull was sent to the American Museum of Natural History, where it was identified by Dr. W. K. Gregory

It was a great day for the Third Asiatic Expedition when we arrived at the red beds this year. We pitched camp about three o'clock in the afternoon. The cooks were instructed to make a dried-apple pie for dinner, and a vacation was declared for the remainder of the day. But it was impossible to keep the enthusiastic fossil-hunters from immediately exploring the fascinating basin that lay below them.

One by one they wandered down the steep bluff, and soon they all were scattered among the ravines, and along the sides of the sculptured buttes. In less than an hour, Albert Johnson returned, seething with

excitement, to get his toolbag and pastepot. He reported the discovery of a large white skull. In a few moments Kaison hurried up the slope for his collecting materials, and, when we gathered about the dinner table in the mess-tent that evening, every man had begun to excavate a dinosaur skull. Even I had had a share in the finds; for, while walking in the bottom of the ravine, I saw a pipe lying beside a rock. It was one that Granger had lost the year before, and, strangely enough, it had dropped within a few inches of the skull and jaws of a Protoceratops. Granger said that he had left the pipe to mark the spot and that I had only rediscovered the skull, but I insisted upon having my name painted in red ink on the specimen after it had been removed.

Our real thrill came on the second day, when George Olsen reported at tiffin that he was sure he had found fossil eggs. We joked him a good deal, but nevertheless all of us were curious enough to walk down with him after luncheon. Then our indifference suddenly evaporated, for we realised that we were looking at the first dinosaur eggs ever seen by a human being. We could hardly believe our eyes, but, even though we tried to account for them in every possible way as geological phenomena, there was no shadow of doubt that they really were eggs. That they must be those of a dinosaur we felt certain. True enough, it never was known before that dinosaurs did lay eggs, but, since most modern reptiles are oviparous, it was considered probable that their ancient

ancestors followed this method of reproduction. Nevertheless, although hundreds of skulls and skeletons of dinosaurs had been discovered in various parts of the world, never had an egg been brought to light.

These eggs could not be those of a bird. No birds are known from the Lower Cretaceous, the geological horizon in which the eggs were found, and all the Jurassic and Upper Cretaceous birds were much too small to have laid eggs of this size. The elongated shape of the eggs is distinctly reptilian.

A bird's egg usually is much larger at one end than at the other, because it is deposited in a nest, from which it might roll out unless it revolved on its point. Reptile eggs, which often are buried in the earth or sand, usually are elongate, and similar in shape to the specimens that we found. These eggs were in a great deposit full of dinosaur skeletons, and containing, so far as we could discover, no remains of other animals or of birds.

Three of the eggs lay in a cluster, and evidently were in the exact spot where they had been deposited by the dinosaur. The broken shells of several others were partially embedded in the rock. Just under a low sandstone shelf, beside which they were lying, we could see the projecting

ends of two others. While all the members of the expedition were on their hands and knees about those ten-million-year-old eggs, George Olsen began to scrape away the loose rock on the summit of the shelf, and to our amazement he uncovered the skeleton of a small

CONTAINING A VISIBLE EMBRYO DINOSAUR 10,000,000 YEARS OLD, INDICATED BY THE WHITE SPOT OF BONE AT THE RIGHT-HAND END: ONE OF THE MOST REMARKABLE OF THE EGGS—THE FIRST MATERIAL FOR A NEW SCIENCE, PALÆO-EMBRYOLOGY.

One of the most remarkable of the dinosaur eggs is this that contained the visible embryo ten million years old, indicated by the white spot of bone at the right end. This bone structure may plainly be seen running through several of the broken eggs. As Mr. Roy Chapman Andrews says in his article here, "Never before in the history of science has it been possible to study palæo-embryology."

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as representing a form ancestral to the great horned dinosaurs of America, and was named *Protoceratops andrewsi*. Had Shackelford not wandered off the road while he was waiting for me to return, it is unlikely that we should have discovered this important locality.

[Continued on Page 1110.

OFFICIAL PHOTOGRAPHS OF THE 10,000,000-YEAR-OLD DINOSAUR EGGS.

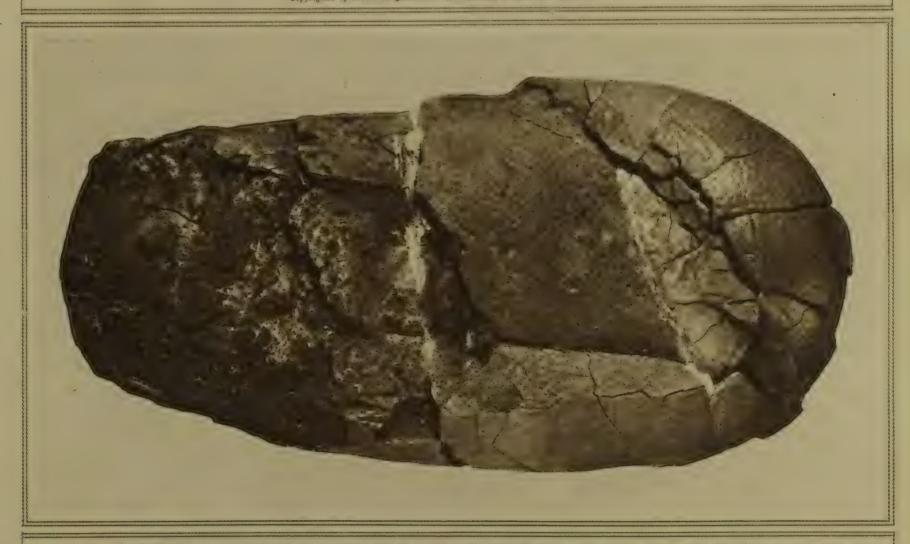
OFFICIAL PHOTOGRAPHS OF THE THIRD ASIATIC EXPEDITION OF THE AMERICAN MUSEUM OF NATURAL HISTORY, IN CO-OPERATION WITH ASIA MAGAZINE AND THE AMERICAN ASIATIC SOCIETY.

PUBLISHED BY SPECIAL ARRANGEMENT WITH ASIA MAGAZINE, NEW YORK.



1. ACTUAL SIZE—ONE OF "THE FIRST DINOSAUR EGGS EVER SEEN BY A HUMAN BEING": A SPECIMEN FROM AMONG THE TWENTY-FIVE FOUND BY THE AMERICAN EXPEDITION IN THE GOBI DESERT, MONGOLIA.

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2. ACTUAL SIZE—PROOF (HITHERTO LACKING) THAT DINOSAURS WERE OVIPAROUS: ONE OF THE FIRST EGGS DISCOVERED, OF ELONGATED REPTILIAN SHAPE, WITH THE PEBBLED SURFACE OF THE SHELL, THOUGH CRACKED IN PLACES, BEAUTIFULLY PRESERVED.

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Mr. Roy Chapman Andrews, the leader of the Third Asiatic Expedition organised by the American Museum of Natural History, in co-operation with ASIA Magazine and the American Asiatic Society, describes in his article on other pages of this number how the great discovery of dinosaur eggs was made, and how the discoverer, George Olsen, was subjected to a good deal of chaff when he first reported the find to his colleagues. On visiting the spot, however, continues Mr. Andrews, "our indifference suddenly evaporated, for we realised that we were looking at the first dinosaur eggs ever seen by a human being. . . . It was never

known before that dinosaurs did lay eggs. . . The preservation is beautiful, Some of the eggs have been crushed, but the pebbled surface of the shells is as perfect as if the eggs had been laid yesterday instead of ten million years ago. The shells are about one-sixteenth of an inch thick. . . . Fine sand has filtered through breaks, and the interior of all the eggs is solid sandstone. . . Their elongated and decidedly reptilian shape, and the fact that they were found in beds in which only dinosaur fossils were discovered, determined that they were dinosaur eggs."

LIKE THE EGG-LAYING MONSTER OF MONGOLIA: A HORNED DINOSAUR.

A RECONSTRUCTION DRAWING BY ALICE B. WOODWARD. (COPYRIGHT)



We give this illustration to enable our readers to visualise the kind of creature which laid the dinosaur eggs found in Mongolia by the American expedition under Mr. Roy Chapman Andrews, who vividly describes the animal in his article on another page of this number. He suggests that its descendants migrated by a then existing land-bridge from Siberia into North America, little knowing "that their offspring would become the most grotesque of creatures; that they would grow to enormous size and develop horns; that the bony frill protecting the neck would expand into a formidable shield." The creature shown above apparently

A NORTH AMERICAN DESCENDANT OF THE MONGOLIAN DINOSAURS THAT LAID THE TEN-MILLION-YEAR-OLD EGGS: MONOCLONIUS NASICORNUS, A HORNED DINOSAUR WHOSE SKELETON WAS FOUND ON THE RED DEER RIVER, ALBERTA.

> represents an intermediate stage, as it has only one full-grown horn, with a rudimentary horn above each eye. The complete skeleton, 17 ft. long by 6 ft. high, was found in 1914 by the American Museum Expedition to the Red Deer River, Alberta. The huge skull is 5 ft. long. The comparatively small eye had a bony ring of plates like those of an owl, probably for the adjustment of light, and enabling it to see in the dark as well as by day. In the absence of exact data for reconstructing the actual egg-laying dinosaur of Mongolia, the Monoclonius was chosen as the nearest approach for which material was available.

OFFICIAL DINOSAUR PHOTOGRAPHS: A "GOBLIN" EMBEDDED IN ROCK.

PUBLISHED BY SPECIAL ARRANGEMENT WITH ASIA MAGAZINE, NEW YORK.



AS FOUND IN THE ROCK, WITH MOUTH WIDE OPEN: A PERFECT SKULL OF THE TYPE OF DINOSAUR THAT LAID THE EGGS, AND WAS PRESUMABLY THE ANCESTOR OF THE GIANT THREE-HORNED DINOSAUR FOUND IN AMERICA.

A vivid description of the type of dinosaur that laid the eggs found by the American expedition in Mongolia is given by the leader of that expedition, Mr. Roy Chapman Andrews, in his article on another page. "Ten million years ago," he writes, "a goblin-like creature stood on the edge of a shallow basin in what now is called Mongolia. Its great round eyes stared from a thin, hatchet face, ending in a hooked beak. It and its kind... never could know that their progeny, after thousands of generations, would wander into Siberia, cross the land-

bridge to America, and spread inland from its western coast. . . . Yet these things came to pass, and, when the fossil bones of *Triceratops*, the most formidable of the three-horned dinosaurs, were found in America, no man knew whence they came." A note on the above photograph reads: "This perfect skull, embedded in rock, with mouth wide open, belongs to the type of dinosaur that laid the eggs and presumably is the ancestor of the giant three-horned dinosaur found in America."—[Copyrighted by ASIA Magazine and the American Museum of Natural History.]

Continued from Page 1106.]

dinosaur, lying eight or ten inches above the eggs. Was it the reptile that had laid the eggs, or was it a predatory dinosaur that had come to feed upon them? We cannot tell, but we like to think that some sudden catastrophe overtook the animal when on a visit to its nest. We believe that the eggs were buried in fine silt or sand, which would be peculiarly suitable for the preservation of delicate objects. This place may have been low ground, over which the waters of a river would spread during flood-time; but running-stream action could not have taken place here, or the eggs would

have been rolled about, separated and inevitably broken. Personally, I believe that they were buried in light sediment carried over them by the wind. The first specimens found by George Olsen are about eight inches in length and seven inches in circumference. They are rather more elongate and flattened than is usual in the case of modern reptile eggs, and very much longer than the eggs of any known bird.

The preservation is beautiful. Some of the eggs have been crushed, but the pebbled surface of the shells is as perfect as if the eggs had been laid yesterday instead of ten million years ago. The shells are about one-sixteenth of an inch thick, and probably were hard and not mem-

branous. Fine sand has filtered through breaks, and the interior of all the eggs is solid sandstone. In the photographs the bits of broken shell partially embedded in the rock are plainly to be seen, and it needs no stretch of imagination to realise that the objects pictured are really eggs. In fact, we tried our best to think of any geological phenomena that could have produced a similar result, but, try as we would, we could never get away from

the fact that "Eggs is eggs," and that these were laid by a dinosaur.

A few days after the first discovery, five eggs were found in a cluster. Albert Johnson also obtained a group of nine. Altogether twentyfive eggs were taken out. Some of them, as in the case of the original group, were lying upon the surface of the ground exposed by the erosion that had worn away the sandstone in which they were embedded; others were enclosed in the rock, with only the ends in sight. The eggs in Johnson's clutch were considerably smaller than the original lot, and were unbroken. They may have been laid by a "pullet" dinosaur, and the large ones by a full-grown "hen." Or they may be the eggs of an entirely different species.

Most interesting of all was the fact that in several of the eggs that had been broken in half, we could plainly detect the delicate bone of the embryonic dinosaurs. Never before in the history of science has it been possible to study palæo-embryology! Not only did we discover the eggs, but we obtained during our five weeks in this locality a complete developmental series of Protoceratops. Baby dinosaurs, which probably had been hatched only a few weeks, and others in all stages of growth up to the adults ten feet long with completely developed frills and incipient horns, were added to our collection. When these are placed in series, from the eggs to the giant triceratops that has just been mounted in the American Museum of Natural History, it will be an amazing exhibition of reptilian evolution. No other spot on earth has yielded such a quantity of specimens and such unique material as this sandy basin in the centre of the Gobi Desert. When we looked upon the seventy-five area of three miles, we all decided that the red beds did not owe us anything.

Why so great a number of specimens had accumulated in this particular spot is a subject only for speculation. In some localities where there are large fossil deposits, what has happened is clear. Frequently quicksand and marshes trapped or mired heavy animals.

But in the case of the red beds where the dinosaur eggs were found the cause is more obscure. The rocks as a whole give the impression of wind rather than water deposit. Certainly the bones were not brought together by running water, for the skeletons are usually intact and appear to have been preserved just where the animals died. There must have been some.

reason for numbers of dinosaurs to gather at this place. There may have been a pool or a shallow lake where they came to drink. Or it may have been a feeding-ground with particularly rich vegetation, which would have attracted great numbers of reptiles. We can only reason from observing the habits of living animals, for the causes that influence the life of to-day very probably had a similar effect in Cretaceous times.

It seems improbable that the animals were overcome by a sudden catastrophe, although such a solution is possible in some cases. Since the specimens were



THE FIRST DISCOVERER OF 10,000,000-YEAR-OLD DINOSAUR EGGS: GEORGE OLSEN, WITH "BUCKSHOT"

(A CHINESE ASSISTANT) PACKING THE GREAT COLLECTION OF BONES AT THE RED FOSSIL-BEDS.

How George Olsen "reported at tiffin that he was sure he had found fossil eggs," and was chaffed by his comrades, is described on the first page of this article by Mr. Roy Chapman Andrews, leader of the Third Asiatic Expedition of the American Museum of Natural History in co-operation with ASIA Magazine and the American Asiatic Society. The fossil bones found were placed in boxes that had contained food and gasoline, and were packed in wool plucked from the carnels of the expedition.

About fifty carnels were required to carry the specimens to Kalgan, in a journey that took two-and-a-half months.

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found at different levels, from the floor of the basin up the sides of the bluff nearly to the top, it is certain that the reptiles were not buried all at one time. In fact, thousands of years may have elapsed between the periods when those found at lowest and at highest level died.

But the abundance of fossils shows that during the Lower Cretaceous, where conditions were particularly favourable to the development of reptilian



"HOW FOSSILS ARE DISCOVERED": MR. WALTER CRANGER FINDING THE JAW OF A TITANOTHERE, OF A TYPE ALSO FOUND IN SOUTH DAKOTA—THUS PROVING EARLY LAND CONNECTION BETWEEN MONGOLIA AND THE ROCKIES.

The Third Asiatic Expedition, of which Mr. Granger was chief palæontologist, obtained in Mongolia 12 skulls of Titanotheres, extinct monsters first found in S. Dakota. The above photograph is officially described thus: "How fossils are discovered may be gathered from this picture of Walter Granger finding the jaw of a Titanothere, a huge animal superficially like a rhinoceros, in a cross-section of the earth cut by an ancient stream. The remains of thousands of animals undoubtedly lie under the adjacent surfaces, to be revealed only by digging, as this has been revealed by the erosion of the stream."

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life, the numbers of dinosaurs living on these upland plains baffled the imagination. The bones of only a small proportion would be preserved, and of these a still smaller percentage would be fossilised. Yet we took nearly a hundred specimens from this bluff within an area of three miles. This is only an indication of the swarming life of Mongolia ten million years ago.

While we were reaping this palæontological harvest, our minds were not entirely at rest. We had put into the cars just gasoline enough to take us to the red beds and food enough for a month. Merin had said that he certainly could reach us in that time with a caravan carrying supplies of food and gasoline, but from all the Mongols whom we encountered we heard dismaying reports of the terrible drought that had scourged the desert during the winter and spring.

The influx of specimens had required an unusual amount of flour for use in paste, and at the end of

three weeks our food was reduced virtually to tea and meat. Half a sack of flour remained, but if it were used for food work would have to cease, for fossils are so exceedingly delicate that they cannot be removed when the rock has been chipped away unless they are strengthened with strips of burlap or cloth soaked in flour paste. When I asked the men what they wished to do, unanimously they said, "Let's keep the flour for work." It was an excellent example of the enthusiasm and loyalty of the whole staff.

Not only was the flour nearly gone, but the burlap used up, so that we had to substitute something else. First, we cut off all the tentflaps; then we fell back on

towels, wash-cloths, and at last our clothes. Everyone contributed something—socks, trousers, shirts, or
under-clothes. There is in the collection a beautiful
dinosaur skull fortified with strips of my pyjamas; and
Frederick Morris, after considerable thought, presented
one of his two pairs of trousers. That night Kaison
came in very much depressed, and when I asked him
why he looked so solemn he said, "Mr. Andrews,

I can use almost anything but I simply cannot paste with Morris's pants." (See page 1134).

At last, part of the caravan arrived. Out of the seventy-five camels, sixteen came through, carrying food and gasoline, and, above all, sugar! Eventually, twenty-three more reached Artsa Bogdo. To celebrate the arrival of the caravan, we had a big dinner, with cacti for table decorations.

Almost immediately Olsen and "Buckshot" began to pack the great pile of fossils that had accumulated in the tents. The proper care of delicate specimens for their long journey across the desert was one of the greatest problems of the Expedition; for there is no wood of any kind in the Gobi, and no other packing-material than stiff grass. The food and gasoline cases provided boxes. Whenever the cars met the caravan, we took food and gasoline from the wooden boxes and substituted fossils and other collec-The packing material was obtained from the animals themselves. The Mongolian camel grows very long hair to protect him during the bitter months of winter, and, as the weather becomes warmer, his coat falls away in strips and patches. Whenever we wanted to pack a box, we simply pulled the necessary quantity of wool off our camels. No finer packing material could be devised.

We were ready to leave the red beds on August 12. Even though we had been there for five weeks, specimens were still being discovered, and each one seemed finer than the last. Kaison found a beautiful skelcton, nearly complete, just before we left. It was lying on its belly, head out, with all four legs drawn up as if ready for a spring. Apparently the animal had not moved since it dropped there in death ten million years ago. to leave, even though I was anxious to get away, and I told Kaison we would wait while he took it out. But three others, which Olsen and "Buckshot" discovered, were left untouched. We had to stop somewhere; for apparently there was an inexhaustible supply of specimens in the wonderful basin. From that one locality our collection numbered

sixty cases of fossils, weighing five tons. It included seventy skulls, fourteen skeletons, and twenty-five of the first dinosaur eggs ever seen by human eyes. As Granger and I looked for the last time upon the glorious spires and battlements of the red beds, we felt that the desert had

THE DINOSAUR EGG DISCOVERERS AT WORK: OFFICIAL PHOTOGRAPHS.

PUBLISHED BY SPECIAL ARRANGEMENT WITH ASIA MAGAZINE, NEW YORK.



1. THE FIRST DISCOVERER OF DINOSAUR EGGS LAID 10,000,000 YEARS AGO: GEORGE OLSEN (LEFT), WITH ALBERT JOHNSON (CENTRE) AND "BUCKSHOT" (A CHINESE, RIGHT) UNCOVERING THE COMPLETE SKELETON OF A RHINOCEROS ABOUT 3,000,000 YEARS OLD.

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. UNCOVERING THE RIBS OF A GIANT SAUROPOD (20 FT. LONG WHEN ALIVE) BELONGING TO A SUB-ORDER OF DINOSAURS, AND THE LARGEST FOUND IN MONGOLIA: "MONTANA" JOHNSON, ONE OF THE EXPERT FOSSIL-HUNTERS OF THE EXPEDITION.

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The full official descriptions of these photographs are as follows: (1) "A remarkable achievement of the Third Asiatic Expedition is the unearthing, for the first time in the history of fossil-hunting, of skeletons of prehistoric monsters in such variety of sizes and individual development that the entire cycle of life, from the egg to the full-grown animal, has been obtained for some species. The photograph shows Albert Johnson (centre), George Olsen (left), assistants in palæontology, and 'Buckshot,' Chinese collector, uncovering the complete skeleton of what may perhaps prove to be an ancestral specimen

of the great group of rhinoceroses. The skeleton, of which the backbone, ribs and leg-bones are partly exposed, is about three million years old, as determined by geological information."——(2) "'Montana' Johnson, one of the expert fossil-hunters of the Expedition, is here seen uncovering the ribs of a giant sauropod, which would have measured, alive, nearly eighty feet in length. The skeleton of this reptile, a sub-order of dinosaurs, was the largest found by the Expedition in its exploration of the Mongolian plains, and represents one of the largest known to the world."



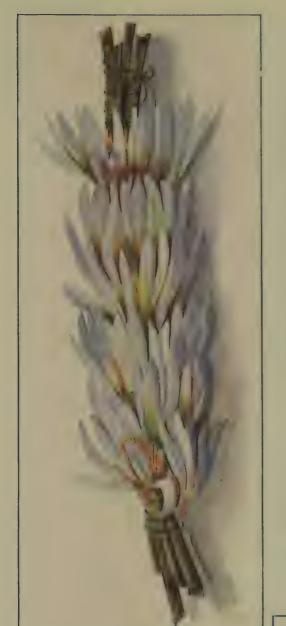
These very interesting drawings by H.R.H. the Infanta Beatrice of Spain represent four specimens of ancient Egyptian wreaths and garlands, just as they were found in tombs, from the collection of Professor Percy E. Newberry, who recently lectured on the subject before the Egypt Exploration Society. On the opposite page we reproduce a set of corresponding water-colours, by the same royal artist, in which she depicts living wreaths composed in each case of the same flowers, grown by herself in her own garden. These water-

colours form a delightful and illuminating commentary on the withered relics of a long dead past shown in the above black-and-white drawings. We may mention that Professor Newberry is a recognised authority on the flora of ancient Egypt, for he was a botanist before he became an Egyptologist, and he arranged the collection of flowers and plants from Egyptian tombs in the botanical museum at Kew Gardens. A number of specimens from that collection were illustrated in our "Tutankhamen Number" of February 24 last.

"RESTORATIONS" OF ANCIENT EGYPTIAN WREATHS.

GROWN AND PAINTED BY A SPANISH PRINCESS.

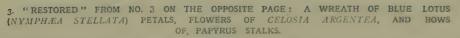
By Courtesy of H.R.H. THE INFANTA BEATRICE OF SPAIN.





2. "RESTORED" FROM NO. 2 ON THE OPPOSITE PAGE: A WREATH OF NARCISSUS TAZETTA AND TWIGS OF SWEET MARJORAM, GROWN AND PAINTED BY THE INFANTA BEATRICE OF SPAIN.







4. "RESTORED" FROM NO. 4: SWEET MARJORAM, YELLOW CHRYSANTHEMUMS, BLUE LOTUS PETALS, AND HIBISCUS PETALS.

As mentioned on the opposite page, Professor Percy E. Newberry, the well-known Egyptologist, who is also distinguished as a botanist, gave a lecture recently to the members of the Egypt Exploration Society on "Wreaths and Garlands of Ancient Egypt," which he illustrated by photographs of actual specimens that had been found in ancient tombs. We are now permitted to publish restorations of four wreaths from his collection, which have been

drawn by H.R.H. the Infanta Beatrice of Spain. These wreaths her Royal Highness made up from flowers similar to those grown by the ancient florists, and they have all been flowered by her in her garden. We reproduce above her water-colour restorations side by side with her pen-and-ink drawings (on the opposite page) of the actual ancient specimens. These beautiful water-colours possess an added interest from the person-lity of the artist.



The World of the Theatre.

By J. T. GREIN.



LETTERS ON "ACTING AND FEELING."

ERE is a further instalment of the views of our leading players.

Mr. Allan Aynesworth writes:-

I have read your article on "Acting and Feeling" with the greatest interest! All you say, in my humble opinion,

devoted to transferring more and more of the resultant actions (for actions—including, of course, words—are the only things of value to an audience) to registered mechanical form, leaving the imagination free to invent-finer and finer shades of expression at each successive performance.

Theoretically he follows a parabolic curve, ever approaching perfection but

never reaching it. In practice an experienced actor very soon reaches a stage where so much has been transferred to mechanics that he can safely let his thoughts wander far from the play without the average audience detecting the slightest variation from his best work. But that is not his best work, and the god who is the audience for whom the real artist plays (and perhaps some human audiences too) can see the

Dr. Sybil Thorndike :--

Do forgive my long delay in answering! Lewis has said everything I meant to say, only with such long words longer words than I know! I think (and aim at) the feeling of a part should be done at rehearsal and

during the time of study, and as far as possible converted into stage language, so that one is free in performance to perfect small details—which is not a possible thing without an audience who play with one. Hence the slight differences each night—differences records and the state of the slight differences care of the slight differences. differences scarcely noticeable to an audience, but to oneself

immensely different. It's easy to say "Don't feel" at performances. We 'aim at ! not feeling." The great ones succeed; we don't always—we try! I'm no good at discussing the ways of it, so forgive me. One tries so many

wavs; I wish success were easier!

master of himself, and the faithful servant of the public, what care they whether he really feels or not?

Mr. Robert Atkin :-

I regard a company acting a play as a conductor regards an orchestra. An orchestra does not project the emotions the composer wishes the composition to convey by real feeling in their playing, but by the technical mastery of their instruments; hence the conductor can call upon them to register any tone, speed, etc., necessary for the interpretation of the piece.

The highest art is the suggestive art. Real feeling on the stage is very rare, and is only effective when the artist has complete mastery of the technical side of acting. One cannot register the same depth of real feeling at a given moment or moments night after night; but with a complete technical outfit one can register suggestion.

I fully appreciate the part temperament plays in acting, and think the bigger the temperament the more necessary is the restraining hand of technique. Who could feel, or assume to feel (which often passes for feeling) such parts as Hamlet, Lear, or Othello without grave injury to health and pain to an audience? But by perfect art their feelings can be suggested, and by deep study and rehearsal, subject to the temperament and sensitiveness of the artist, moments of real feeling will creep in, but not at the same points night after night.

I consider the work at the Russian Blue Bird Theatre I consider the work at the Russian Blue Bird Theatre in "The King Calls for His Drummer" as a triumph of suggestive art. Many a performance has been ruined by feeling mastering technique. I decidedly incline to the side of Coquelin, but recognise the racial differences in audiences. To perhaps the majority of English audiences a "bit of real feeling" stamps the actor or actress as "great."

Some years ago a certain prominent West End star was playing in a North-country town. After one performance his landlord, who had witnessed it, welcomed him on the front-door step with great enthusiasm, hailing him

on the front-door step with great enthusiasm, hailing him as the best actor in the piece. "Oh, no," replied the actor. "Oh, yes," went on the landlord; "why, every time you spoke the veins in your neck stood out much more than any of the other actors' did"!

When I was playing in 'Julius Cæsar' with the late Sir H. B. Tree, he would, during his most impassioned moments as Antony over the fallen body of Cæsar in the Capitol (when doubtless many of the audience thought he was feeling deeply) use my stomach to help himself from a prostrate position, daring me under his breath to twitch!

Miss Mary Merrall :-

So you would "pluck out the 'art' of my mystery"—you would sound me from my lowest note to the top of my compass? No, Mr. Grein; there is much music, excellent voice in this little organ, yet you cannot make it speak! I am a woman—as soon read the riddle of the Sphinx! No doubt the mere male creature to whom you have appealed will analyse and explain with much circumlocution the action and use in their art of all the minutest nerves



THE REVIVAL OF OSCAR WILDE'S "THE IMPORTANCE OF BEING EARNEST," AT THE HAYMARKET: (L. TO R.) ALGERNON (MR. JOHN DEVERELL), CECILY (MISS NANCY ATKIN), JACK (MR. LESLIE FABER), MISS PRISM (MISS LOUISE HAMPTON), AND DR. CHASUBLE (MR. H. O. NICHOLSON).

This is the awkward moment in Act II. when John Worthing (Jack) returns home, in deep mourning, from the alleged funeral of his fictitious brother Ernest, to find that his friend, Algernon Moncrieff, is masquerading at the house as Ernest, very much alive.—[Photograph by Foulsham and Banfield, Edd.]

only goes to prove the bedrock truth that no actor can become a master of his work unless he has the power of feeling himself to be the person he is representing. When Coquelin said that in Cyrano's great speech often

his thoughts wandered, it only may have meant that, though he was so great an actor, he had very likely never read anything of that vast body of philosophical literature which deals with the analysis of the emotions. Plato, for instance, long ago pointed out that our thoughts may wander even as we stand beside the death-bed of our nearest and dearest. It may quite possibly be true enough that an actor who is master of his craft may be able, after he has played a part many consecutive times, to neglect concentration and at the same time give a performance which will appear to the bulk of the audience as convincing; but I much doubt whether the expert who knew that actor's worth wou.dn't most certainly be able to tell you when he—the actor—was concentrating (i.e., feeling himself to be the person he was representing) and when he was not.

What Coquelin perhaps may have had in his mind when he thus spoke of "feeling" was the supreme necessity for emotion being under absolute control. Whether a man be emotion being under absolute control. Whether a man be acting a part on the stage, or making a speech, or reading in public, the first thing for the painter or the musician) is sureness of touch—i.e., master of his technique; and he must then use all the "feeling" or emotion he can command within the limits he has attained by the study of his technique.

Mr. George Grossmith :-

In so far as my own experience is concerned, I heartily concur with Mr. J. T. Grein's article of the 3rd November; and most actors and actresses certainly know how to conceal Art to the extent of not only doing two things at once, but thinking out possibilities of a third.

The sub-conscious mind of an actor becomes highly

developed, and most actors, when once their lines are assimilated, can and do devote a large amount of brain to matters utterly irrelevant. I will even go further, and say it is indeed almost impossible, after acting a part for a few months, to keep the mind concentrated upon it to the exclusion of everything else. It has actually occurred in more instances than one when some unlooked-for incident occurred during the play, such as someone fainting in the audience, that the actor awoke as from a dream, and just for the moment not only completely forgot what part he was playing, but that he was playing a part at all

Mr. Lewis Casson :-

My theory is this. The actor's life should be devoted to making his whole physical self, including his voice and every muscle of his face and body, the perfectly flexible instrument of his imagination, so that his every thought can instantly be translated at will into a form that suits the style of the play, and is audible or visible to his audience. During the rehearsal period, and in private preparation of a part, he should, with the assistance of his producer, stimulate his imagination at every moment of the play. hearsals and every performance of the play should be

Mr. Eille Norwood:--

Whether an actor should feel or not feel the emotions his part may demand is, in my opinion, immaterial, so long as he is able to convey the impression that he does feel them. If the audi-ence be held by his acting, his purpose is achieved. It is all they ask and all he desires. If an actor's personality — always his greatest asset such that he commands atten-tion from the moment heappears on the stage; he will sway an audience more easily than one lacking him and his interpretation as neces sarily right, and because he arouses their interest, they are more easily im-

As the run of a play continues, so does the actor improvethat is, if he be an artist. He becomes more sure of himself, more certain of the effects he can produce, and, like the practised juggler, his touch and skill increase with repetition. Imagination, which every successful actor must possess, may frequently divert his thoughts into matters wholly unconnected with his part, but his experience and technique never cease to control his actions, or allow the audience to observe the lapse. So long as he remains

"I WARN YOU, MISS CARDEW, YOU MAY GO TOO FAR": GWENDOLEN (MISS DORIS KENDAL, LEFT) INDIGNANT WITH CECILY (MISS NANCY ATKIN) FOR GIVING HER CAKE INSTEAD OF BREAD AND BUTTER-IN OSCAR WILDE'S "THE IMPORTANCE OF BEING EARNEST," AT THE HAYMARKET THEATRE.

Photograph by Foulsham and Banfield, Ltd.

in their body. But I—no! Were I to answer you I should be wearing my "art" on my sleeve for daws to peck at!

And were I willing, can it be explained why one does this, why one does that, how one does it? It seems to me art is the result of a million experiences—this life—that life—all recorded unconsciously by that mysterious "other life-all recorded unconsciously by that mysterious "other fellow" inside us: all these taken, selected, used. But how I use them? That is my secret, the secret of a woman. would as soon reveal to you the mysteries of my toilet-table.

THE FIRST USE OF RADIO IN ARCTIC EXPLORATION.

DRAWN BY W. B. ROBINSON, FROM MATERIAL SUPPLIED BY COURTESY OF MR. F. G. BINNEY, LEADER OF THE MERTON COLLEGE (OXFORD) ARCTIC EXPEDITION, 1923.



KEEPING IN TOUCH WITH CIVILISATION AMID THE ARCTIC ICE: DIAGRAMS SHOWING HOW RADIO WAS USED, IN AN EXPEDITION TO SPITZBERGEN, TO RECEIVE SIGNALS FROM PARIS AND BROADCASTS FROM NEWCASTLE.

During the Merton College (Oxford) Expedition to the Arctic this year, valuable use was made of radio apparatus for obtaining time signals from the Eiffel Tower, Paris, about 2000 miles away, and for transmitting messages from the expeditionary ship "Terningen" to a sledge party sixty miles distant. The ship's wireless operator, Mr. Relf, of the National Physical Laboratory, reports that reception of the daily time signals from Paris was of the greatest help in astronomical observation. On the two nights before the ship left Spitzbergen,

and also during the journey home, the sun set at about 10.45 p.m. Prior to sunset, radio signals were weak, but directly afterwards they came in much stronger, and Paris signals became ten to twenty times stronger. Tuning down to a wave-length lower than that of Paris, the operator heard the last parts of the broadcast programme from Newcastle, distant about 1600 miles. These long-distance results were obtained by the use of a Burndept Ethophone V, four-valve receiver,—[Drawing Copyrighted in the United States and Canada, C.R.]

1116—THE ILLUSTRATED LONDON NEWS, Dec. 15, 1923.—1117

THE COLOUR OF THE COVERING OF TUTANKHAMEN'S TOMB: A GLORIOUS VISION OF BLUE AND GOLD.

AFTER A "TIMES" WORLD COPYRIGHT PHOTOGRAPH BY MR. HARRY BURTON.



"CARVED AND GILDED AND INLAID WITH BLUE FAIENCE . . . ONE OF THE MOST MAGNIFICENT OBJECTS EVER DISCOVERED": THE OUTER CANOPY, FROM THE ANTE-CHAMBER.

Since the resumption of work on the actual sepulchre in Tutankhamen's tomb, the interest of the world has centred anew on the marvellous beauty of the golden shrine, within whose inmost tabernacle it is expected to find the sarcophagus containing the munmay of the king. The whole shrine, it may be recalled, nearly fills the burial chamber, and consists of a number of concentric tabernacles, or canopies, built one within another. That which is seen through the doorway (shown above) leading from the ante-chamber into the sepulchre, is only a part of the outer tabernacle. The photograph brings out in detail the exquisite carving of the gliedd woodwork, with its inlay of blue faience, and a striking feature is every the event the centre, intended for the spirit of the dead king within to look out upon the world. For a description of the wonderful structure and colouring of the shrine, we cannot do better than quote the words of the late Earl of Carnarvon (the co-discoverer of the tomb with Mr. Howard Carter) impressions on first entering the sepulchre.

"It was now seen to be an enormous structure of wood, most claborately carved and glided and inlaid with blue faience. Altogether, it forms one of the

most magnificent and remarkable objects ever discovered. . . . Moving carefully round to the right, we found on the east side of the shrine two large doors. . . . We managed to open a door, only to find ourselves confronted with a second canopy. This was entirely gilt, and . . . had double doors exactly opposite those we had opened; but a very important point was that the inner doors were seaded . . and the whole sealing arrangement was perfectly intact. It is, therefore, almost certain that the body of the king is lying somewhere in this second shrine, or in one even farther in, untouched." When the tumb was recently reopened, the two guardian statuse of Tutankhamen, of hituminised wow with gilded dress and emblemen, were removed. On December 2 Mr. Carter began breaking down the 3-ft. thick partition wall around the doorway. The above photograph is not one of the series of autochromes, taken direct from original objects, of which we have recently published several examples since we acquired the sole rights of colour reproduction in connection with the tomb. The colouring, however, may be regarded as absolutely authentic, as it has been approved by Mr. A. C. Mace, who is working with Mr. Carter.

THE KING OF BRITISH GAME-BIRDS: A PHEASANT-SHOOTING STUDY.

IT M THE TAPLETT S OF WATER-COLOURS BY J. C. HARRISON, AT MESSES. VICARS' GALLERIES.



"TURNING BACK". PHEASANTS FLYING OVER THE GUNS-A WATER COLOUR BY J. C. HARRISON.

Mr. J. C. Harrison's Exhibition of original drawings in water-colour of British | birds. The study of pheasant-shooting here reproduced is a typical example Game Birds was opened last month at the galleries of Messrs. Vicars Brothers, 12, Old Bond Street. Forty-four pictures in all were shown, including studies of many different varieties of game birds of woodland and moor, besides aquatic which the picture represents.

of the artist's work, which will certainly appeal to sporting tastes. Its title is a sufficient indication of the particular kind of incident in a pheasant-shoot





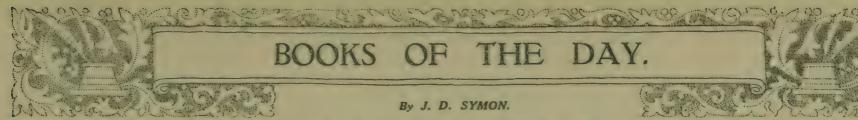
Some people call chess a slow game. But neither between moves may be when they are filled in with players nor lookers-on care how long the intervals so fragrant and soothing a pleasure as

HREE AUAS

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"IT is a great thing," said Stevenson, "if you can persuade people that they are somehow or other partakers in a mystery. It makes them feel bigger." The participation need be only of the very slightest to do that. Whenever a crowd has collected on the street from some quite unknown cause, probably because a wag has started staring upwards at nothing, sure enough one excited fellow assumes large airs and talks with a voice of authority to the bystanders. Very soon he will expound the whole matter and favour you with his ingenious theories of cause and effect. He always gets a hearing, and not only does he feel bigger, but you can see him visibly swelling.

That is direct participation in a mystery. There is another, indirect, but equally pleasurable, although its effects are not quite the same. To read about some historical mystery may not invariably increase a man's self-importance, but it does make him, as our American cousins say, "feel good." And if the case be so presented as to exercise the reader's powers of penetration or judgment, and in the end he believes he has hit upon a better solution than the author's, Stevenson's rule will hold. He feels justifiably bigger.

In any case there is pleasure of a perfectly legitimate kind, even although the last ecstasy of finding a fresh solution, or any solution at all, be denied. In many cases, and these among the most famous, no solution is possible. Andrew Lang, that deft exponent of secret history, confessed as mitch. "The author," he says in the Preface to "The Valet's Tragedy," is well aware that whosoever

and these among the most ramous, no solution is possible. Andrew Lang, that deft exponent of secret history, confessed as mitch. "The author," he says in the Preface to "The Valet's Tragedy," "is well aware that whosoever discusses historical mysteries pleases the public best by being quite sure, and offering a definite and certain solution. Unluckily Science forbids, and conscience is on the same side. We verily do not know how the false Pucelle arrived at her success with the family of the true Maid; we do not know, or pretend to know, who killed Sir Edmund Berry Godfrey; or how Amy Robsart came by her death; or why the Valet was so important a prisoner. It is only possible to restate the cases, and remove, if we can, the errors and confusions which beset the problems."

I have been reminded of Lang's studies by the books that have interested me chiefly this week. No present-day writer has quite A. L.'s curious felicity of phrase and sly, wise humour in the incidental jape, which steals upon you unawares. That is not to be expected; "Nature brings not back the Mastodon," but good things are still being done in this side-line of research, and of late Sir John Hall has been reviving, with a pleasant touch, memories of old mysteries. His new book, "The Bravo Mystery and Other Cases" (The Bodley Head; 12s. 6d.), opens with a story, which, apart from its intrinsic interest, doth most arride me for its echoes and glimpses of London in the 'Seventies of last century. Besides the "Bravo Mystery," Sir John Hall recalls "The Northumberland Streyt Tragedy," an extraordinary case made classic by Thackeray; a "Valet's Tragedy" (not Lang's French incident, but a mystery of St. James's Palace), and several other stories of strange happenings, all excellently told.

In "The Bravo Mystery" one seems to move again in some minor novel of that period—say, one of Mrs. Edwardes'. It takes us back to the London of whiskered young men, women in "Princess Robes," the private carriage and the horse-cab, slow communication, and nearer suburbs still rural, uninvaded as yet by small villadom, and sacred to the mansions of the well-to-do. There is coming and going, by smart carriage and phaeton, between

coming and going, by smart carriage and phaeton, between families in these outlying quarters and their relations in Kensington, and within-doors all the appointments of a prosperous upper-middle class luxury. Lawn-tennis in its earliest infancy glances for a moment across a tale of strange and sinister incident, and the whole atmosphere of London, city and suburban, is exactly that which William Black captured and made historical in "The Strange Adventures of a Phaeton," Chapter II.

Not a few people still living can remember the parlous sensation created by the Bravo Mystery, and at least one of the counsel in the case is still with us—the venerable and ever keen Sir Harry Poland, who has revised Sir John Hall's notes. This is an advantage of first-hand aid that comes but rarely to the exponents of such queer old stories, and it is one that puts the present generation into direct touch with a legal drama that to them must be quite new.

Once more, however, this is a mystery without solution. Sir John Hall is as chary as Andrew Lang himself of appearing "quite sure," but even then he does not fail to please the reader. All he attempts is to give a few pointers, suggested by a careful review of the evidence. But where the legal mind halted baffled, the horse-sense of the British Public ran straight to a fairly plausible conclusion, which crystallised itself in a lampoon that is for me full of interesting literary suggestion, to be mentioned later.

The Bravo Mystery was what Tom White, the comic groom in R. M. Ballantyne's "Young Fur Traders," called

(in a less sinister connection) "an 'orrible case o' sudden and onexpected pizon." Mr. Charles Delaunay Turner Bravo was a young barrister, whiskered and thirty, diligent in his profession and anxious to make a career for himself, although he might have been tempted to loaf, for he was well supplied with means by an indulgent step-father. He married a rich and very pretty widow, a Mrs. Ricardo. The couple went to live in sumptuous style in a large house at then rural Balham, and in their household was included a Mrs. Cox, Mrs. Bravo's companion and confidante. To all outward appearance the marriage was perfectly happy. Husband and wife had each a "past," but this had been frankly confessed and buried; there were apparently no entangling consequences to rise up again in judgment, and the world went very well for both.

The only little jars arose from Mrs. Bravo's weakness for sherry, and Mr. Bravo's opinion that Mrs. Cox was too expensive an item in the establishment; but the small tiffs his views occasioned were of the "quarrel-and-kissagain" order, not unknown even to happy wedlock. Then the "" 'orrible and onexpected" happened.

One evening, April 18, 1876, after dinner, Mr. Bravo, who had drunk only a little Burgundy with his meal, was taken suddenly ill. He lingered in great agony until the 21st. Before he died, he repeatedly made a solemn declaration that he had accidentally poisoned himself with laudanum, which he used as a mouth-wash. This statement the many doctors in attendance could not credit, for the symptoms pointed clearly to some irritant poison, and there was undeniable specific evidence of tartar emetic.



RECENTLY UNDER THE HAMMER: AN ANTIQUE CHINESE GOLD COFFEE SERVICE, COMPRISING A PAIR OF COFFEE-POTS, TRAYS, AND CUPS.



A QUEEN ANNE RACING TROPHY, THE SALTBY PLATE GOLD CUP, DATING FROM 1710.



A ROMANTIC LIFE-ASSURANCE RELIC: A UNIQUE QUEEN ANNE 22-CARAT GOLD TONTINE CUP.

These photographs illustrate some very interesting gold vessels which Messrs. Debenham, Storr and Sons arranged to sell by auction, on December 12, at their rooms at 26, King Street. The Saltby Plate Cup, bearing the gold hall-mark of 1710, is the work of Benjamin Pye. It belonged to the late Duchess of Montrose, and afterwards to Mr. Myles B. Kennedy. The "Tontine" cup is of special interest in the history of life assurance. It was probably a souvenir bought by two survivors of a group of 21 participants in a chain of tontine assurances, providing an annuity with capital for the survivors. Sometimes as many as fifty men would join in such schemes, an objectionable feature of which was that they involved profiting by the deaths of persons in a small circle all known to one another. Any violent deaths among them aroused suspicion of a desire to hasten the maturing of the policies. Eventually this method of assurance was made illegal.—[By Courtesy of Messrs. Debenham, Storr and Sons, Ltd.]

But Bravo, to his latest breath, stuck to his original assertion. Then ensued a pretty coil. At a perfunctory and irregular inquest, held in the house, the jury found that "the deceased died from the effects of poison—antimony—but that there was no evidence as to the circumstances in which it had come into his body." Neither Mrs. Bravo, who had invited the Coroner to sit at her house (promising "refreshments"), nor Mrs. Cox was called as a witness.

News, even from Balham, travelled slowly in those days. There was no Daily Mail, with an alert and universal nose for mystery. It was not until May 9 that the World (dated for the 10th) gave the first hint of jiggery-pokery at sylvan Balham. The Daily Telegraph was speedily aroused and vocal: the young lions roared for prey, and, hey presto! the public had a new and first-class sensation. The High Court ordered another inquest, which was held amid seenes of indescribable and indecent disorder in the billiard-room of the Bedford Hotel at Balham.

The amazing story unfolded there, with the assistance of the most brilliant array of lawyers that ever held briefs at an inquest, must be read in Sir John Hall's own words. I will not spoil it for you by a hashed epitome.

The proceedings lasted from July 11 until August 12, 1876. Incidentally, they shattered a distinguished medical man's reputation, personal and professional, but did nothing to solve the problem. The jury found that Mr. Bravo did not commit suicide; that he did not meet his death by misadventure; "that he was wilfully murdered, but there

is not sufficient evidence to fix the guilt upon any person or persons."

There it ended, save for newspaper comment and the voice of public horse-sense. The general opinion was expressed, as noted above, in a lampoon, a parody of Goldsmith, so brilliant that I do not know who could have written it except Charles Stuart Calverley. The authorship may be known, and I may be quite wrong, but it has the true C. S. C. touch. It runs—

When lovely woman stoops to folly And finds her husband in the way, What charm can soothe her melancholy What art can turn him into clay?

The only means her aims to cover And save herself from prison locks And repossess her ancient lover Are Burgundy and Mrs. Cox.

My only doubt is whether so exquisite a scholar as Calverley would have used a plural verb with "means." But the quotation may not be exact. As for the crime, it seems to me that Mr. Bravo knew his wife was guilty, and because he loved her he died protesting that he had taken the poison.

Mrs. Cox said too much. A large part of the trouble arose from statements she volunteered. This failing is not at all unusual in guilty persons. It reached its most inflated and notorious form in the case of the fiend, Neill Cream, who went about offering gratuitous explanations of his victims' death, even before suspicion had fallen

Cream, who went about offering gratuitous explanations of his victims' death, even before suspicion had fallen directly upon him. His story has just been included in a recent volume of the "Notable British Trials" series, "The TRIAL OF NEILL CREAM," Edited by W. Teignmouth Shore (Hodge; Ios. 6d.). A ghastly but fascinating book.

The interest of this volume lies less in any mystery of fact than in a mystery of psychology, and Mr. Teignmouth Shore's able Introduction is principally concerned in tracing, as far as existing materials will allow, the life history and progress in mental depravity of a degenerate. On the legal aspect of the case, the trial is noteworthy as an object lesson in the effect of cumulative evidence. Cream was convicted and hanged on a single charge, but that would have been impossible had not the evidence of his other crimes been admitted as relevant.

A somewhat similar point (that of simultaneous or separate trials) finds illustration in the other new volume of the same excellent series, "The Trial of Frederick Bywaters and Edith Thompson," edited by Filson Young (Hodge; 10s. 6d.). The editor's handling of the story shows him to be a man of feeling, and for that one can only honour him, but he has been too heavily handicapped by the nearness of the event. I am inclined to think that this distressing case has been brought into the series a little too soon. For me, the attraction of these "Notable Trials" has lain in watching the exercise of an editor's detached and unsentimental judgment on the forensic material, and that is always best attained when the incidents have receded some distance into the perspective of time. Mr. Filson Young saw the two accused in the dock, he watched their agony from day to day, and heard their doom pronounced. That has coloured inevitably his Introduction and has entrapped him into an emotional tirade against the instruments of Justice. Such an attack can have no place in these reviews of legal

process, unless Justice has actually miscarried, and even then censure should be coldly judicial. The romantic, or "novelette" elements in this dismal story of misguided passion have obscured for the editor the significance of the evidence against the woman. He seems to have lost sight of the maxim, Qui (in this case, quae) facit per alium, facit per se.

This is not to say that human feeling is to have no place in Courts of Law. But when Mr. Filson Young suggests that the man "entered into this grim and shocking game of correspondence about poisoning meaning it as little as she did," he strains our credulity too far. The letters were part of her "dream life"; she was "weaving an imaginative web that would stretch half across the seas of the world, and bind her lover with its gossamer threads. She wished him to believe that there was nothing she would stop at." This is only an echo of Sir Henry Curtis Bennett's ingenious and romantic sophistries. Able editors of this series are not often beguiled by learned counsel for the defence.

Another new book not devoted to one particular trial contains a clear and judicial statement of the Ronald True affair, written from the point of view of the criminologist. "Insanity and the Criminal," by John C. Goodwin (Hutchinson; 18s.), is a popular rather than a strictly scientific work, and as such will be welcomed by laymen interested in the subject. Mr. Goodwin, a convinced disciple of Freud, has many illuminating things to say, and his book must be very helpful to all non-experts who study the mystery of crime.

ELEPHANT-POACHING AND CATTLE-STEALING: IN WILD TURKANALAND.

"THE IVORY RAIDERS." By MAJOR H. RAYNE."

THE luck-bird called on the left; and it was ill.

The luck-bird called on the right; and it was well.

Mahomadi bin Abdullah, the Swahili, fat, sensual and sanctimonious, dreamed dreams of the clephants that would be killed at his command, of the tusks he would sell to the traders of the coast—two tons of that which comes not from the mouth of rats, at eighteen thousand rupees a ton. With him was Juma Mkamba, the Wakamba, a fine figure of a man, Longatinyamoi, the lion-killer, hater of the Muzungu, the white man, his teeth—filed to points, after the manner of his people—giving him strange fierceness. That was on the banks of the Turkwell, some seventeen years ago.

At Kisumu things were happening. Gun-running and ivory-poaching were too rife. "The elephant were steadily and remorselessly pursued. pits were dug across the bush tracks, into which the poor brutes fell, to be cut up alive by the fierce meateating Turkana. Weighted spears were hung from trees by ropes attached to triggers; these the elephant unconsciously released upon themselves as they brushed past; traps, shaped like spoked cart-wheels without naves, were tied to great logs and set across the elephant walks; through these the great animals put their feet, the sharpened spokes bending beneath the weight, then, clicking back, bit fiercely into the huge foot as it took the drag of the log. Imagine a pinioned man being done to death by mandibled ants-very similar was the fate of the elephant caught in one of these cart-wheel traps, at the hands of Mahomadi bin Abdullah's myrmidons. No ammunition was wasted -it was spear-thrust and stroke of axe for hours, until the animal dropped." And rifles, the "baby-guns" that hit but once, were playing their predatory part

Major Rayne, then Assistant District Superintendent of Police, found it expedient to undertake a long hunting trip north. A handful of men went with him, headed by a Soudanese sergeant, Ferjalla; Juma,

"THE BEAUTY CHORUS": TURKANA WOMEN DANCING.

the cook; and two Wakamba policemen. All were in mufti, but, tightly packed in a pillow-case, were tunics, belts and bayonets for the sergeant and the policemen, and a tunic and belt for their officer; outward and visible signs of authority.

Two elephants were shot and bartered to divert attention; but there came a day when the white man was recognised, and three of the Muscat Arab's African followers went missing, carrying warning to Mahomadi. Masked by the rest, the Superintendent, his sergeant and his two men, with their precious pillow-case, got away in hot pursuit. As they left, the luck-bird called on their right. At sun-rise, three men walked into their ambush—" one carried a '303 police rifle, the others, over whose shoulders were slung cow-horns filled with powder and cunningly decorated with strips of hide and blue beads, carried muzzle-loading guns." They were the messengers, and they bowed to fate. He of the rifle was a deserter from the police, and the sergeant vowed that he could be trusted.

The poachers' camp was within two hours' march. Uniforms were donned, the officer contenting himself with a Sam Browne police belt and giving his tunic to the recruit. By noon the party had reached the zareba-ed village, and the two prisoners had been tied up. At each of four gateways one of the police was stationed. Then the Superintendent went in, alone. "The place was alive with people, and

e"The Ivory Raiders." By Major H. Rayne, O.B.E., M.C., Author of "Sun, Sand, and Somals." With Illustrations and Map. (William Heinemann, Ltd.; 108. 6d. net.) Mahomadi sat at a table while his followers drew their ammunition from it. The officer spoke, and the trader bolted into his house. There was a rush for the fence, but the sentries looked formidable; women

screamed; and above the hubbub was the shouting of Pika Rusi, the deserter: "My brothers, I am a police spy, yet I have lived with you, I do not wish to see you die. The boma is surrounded with soldiers; surrender to the white man and your lives are safe; resist him and you die!"

The bluff worked. Mahomadi crawled. Juma Mkamba spat in his face. Guns and rifles and cartridges were given up and placed in a heap, then burned; and with them swords and spears. Evidence was taken as to the origin of the weapons, and, at a call, the force—of four—doubled in! "Then did Mahomadi bin Abdullah curse and rave; he had no heart to do more: he was broken. I told his followers there was nothing left them but to follow me to the railway line. Without arms, what could they hope from the fierce Turkana but death?" The captives were some two hundred, men, women and

children, and Juma Mkamba alone escaped.

That is the way that makes stable Empires, and it is vitally necessary in such rude districts as the wild and worthless Turkanaland, which lies to the

north-west of Kenya Colony, bordering on the western shores of Lake Rudolf, and separated from Abyssinia (on the map) by a strip of Soudan territory. There is man, "rifle or spear in hand, ever ready, on the slightest excuse or provocation, to stalk and pick us off as we do the birds and wild animals. . . . We seek not to force war upon him; he himself wills that we talk to one another from the rifle muzzle." And to protect the peaceful south, the turbulent north must be patrolled and garrisoned by posts which are the buffers between civilisation and savagery. knocks are to be exchanged, they are exchanged in the no-man's land, the sounds of blows disturbing not, alarming not, the industrious workers in the southern hive." This very year two raids by Turkana have been reported, and Abyssinians have attacked a patrol of the King's African Rifles in the Turkana country. Eight of the tribesmen fell during

this last "brush," and doubtless others filled their mouths with the grass that signifies surrender: but the clash of arms will continue, and raids and cattle-stealing: for the day of complete control is not yet.

Many have been concerned—renegade Abyssinians and Swahili, Donyiro, Marille, and Turkana among them—with rifle and spear, and a convenient commissariat moving on its own legs—meat and milk !— and against lawlessness those wonderful troops created by British tradition: men—to name a force that is typical—like those of the King's African Rifles, drawn from every tribe in East and Central Africa, born warriors, true to the teaching of Soldier Dickinson, who, in the long ago, bade them remember that no one wearing the King's uniform must ever leave a wounded comrade behind—twenty-seven languages in a single camp at one time.

And the fighting has been astounding. Major Rayne gives instance after instance of gallantry that can only be described as superb, and he has respect for Fuzzy-Wuzzy's second cousins; of fine, selfless work done as often as not under conditions of maddening thirst and sickening anxiety; and always his narrative rings true. The pictures he conjures up are instinct with life; never is there the mark of a faltering brush, a sign of indecision, a weakness of colour.

So to the Turkana, cause of much trouble, screaming for correction, war-dancing in anticipation of action, gathering together at the call of twinkling lights on hill and rise.

A terrible people, these; nomads of the nomads; the warriors tall and handsome, naked save for a shield-

shaped skin hung cape-wise round the neck and scarcely covering the small of the back; invincible against spearmen other than the Masai, but abnormally fearful of firearms.



IN WILD AND WORTHLESS TURKANALAND, WHERE TALK IS FROM RIFLE-MUZZLE: MAIL-RUNNERS.

Major Rayne is only too familiar with them. Turkana is taught that to attain prowess in arms is the aim of life. Until he has killed a man he is looked upon as immature and a person of no account. To crawl, like a snake in the dead of night. up to a sleeping man to thrust a spear into his vitals is not, from our point of view, an action to be proud of, but the Turkana prefers to do it that way, and to run no unnecessary risks. He can-and I have seen him-when he realises that his number is up, die like a man; but if there is a loophole of escape he prefers to live, and thinks it no disgrace to turn his back on the foe and fly for safety.... This explains why, even in times of unrest, it is quite safe to travel in Southern Turkana (reasonable care being exercised) with a small escort. The spearmen, having no religious beliefs, are not fanatics; there is no incentive to rush to death against the modern rifle; their houris are not in paradise,

but at home. They therefore confine their activities to bagging a sleeping man at night." A warrior will boast of the parallel rows of small, black, burned spots upon his breast—there is one for the killing of a Karamojan in battle, another for the slaying of a Suk boybaby, a row for the spearing of the child's mother, a mark for the stabbing of a tired Swahili carrier who was dying of thirst! "These breast-marks are . . a greater badge of honour than rows of medal ribands sewn to a uniform jacket." Further north the deed of derring-do is more orthodox: "And it is just beginning to dawn upon them that the arm of the British Serkal is strong enough and long enough to reach into wild Northern Turkana, there to avenge the murdered women and children of the South."

"The Ivory Raiders" is a book of remarkable power. It is by one who is among the Empire-builders—although he would probably laugh at the



CAUCHT IN LAKE RUDOLF: A 75-LB. NILE PERCH.

Of the fish caught, the carp, which ran up to about six pounds in weight, and the red barbel, were the most edible. The Nile perch were coarse, and the tiger-fish were only fit for bait. The fish illustrated put up a great fight.

Illustrations reproduced from "The Ivory Raiders," by Courtesy of the Author and of the Publishers, Messrs. Heinemann, Ltd.

term; and for those who scoff at Imperialism it yields yet one more proof that there is a genius in wielding power; that, though there be a sword in one hand of Justice, scales are in the other. E. H. G.

CAUSE OF 500 DEATHS AND £1,300,000 DAMAGE: A DAM DISASTER.

PHOTOGRAPHS BY ACHILLE FLECCHIA (MILAN), SPORT AND GENERAL, AND BRITISH ILLUSTRATIONS.



SAID TO HAVE BEEN COMPLETED WITHOUT THE APPROVAL OF THE ITALIAN MINISTER OF PUBLIC WORKS: THE GLENO DAM UNDER CONSTRUCTION IN 1921.



SHOWING THE GAP THROUGH WHICH 2,000,000,000 GALLONS OF WATER SUDDENLY DESCENDED INTO TWO ALPINE VALLEYS: THE BROKEN DAM AFTER THE DISASTER.



"LITERALLY FLATTENED OUT BENEATH THE PRESSURE OF WATER AND ROCKS": THE VILLAGE OF CORNA DI DARFO, WHERE MANY HOUSES WERE DESTROYED.



SHOWING (ON THE LEFT) THE MOUTH OF THE SCALVE VALLEY, DOWN WHICH THE AVALANCHE OF WATER DESCENDED: DÉBRIS OF DEMOLISHED WORKS AT CORNA.



BEFORE THE CATASTROPHE: THE VILLAGE OF DEZZO, WHERE ONLY SIX OUT OF EIGHTY HOUSES WERE SAID TO HAVE BEEN LEFT STANDING AFTER THE FLOOD.



AFTER THE CATASTROPHE: THE VALLEY OF DEZZO, SHOWING SOME OF THE WRECKAGE (IN THE LEFT FORÉGROUND) BESIDE THE STREAM.

At 7 o'clock in the morning of December 1, the great dam of Lake Gleno, in Northern Italy, suddenly gave way, and a huge avalanche of water, amounting to two thousand million gallons, poured down the Alpine valleys of Scalve and Camonica. In the Scalve Valley the flood was for a time 90 ft. deep. The villages of Dezzo and Corna were almost obliterated, and many houses, besides mills and factories, a church, and six bridges, were swept away. An official statement gave the number of dead as 500, while thousands were rendered homeless, and the material damage was estimated at £1,300,000. Troops were rushed

to the scene for rescue work. On December 3 King! Victor visited it, with the Minister of Public Works, Signor Carnazza. The Gleno lake was an artificial reservoir for supplying power to several electricity stations, and thence to factories employing thousands of people, now thrown out of work. The dam, which was 750 ft, wide and 90 ft. high, was only completed last year. Signor Carnazza is reported to have stated in the Senate that the Ministry of Public Works had not approved the project for constructing it. The heavy rains before the disaster, it was suggested, might have caused a landslip which put unforeseen pressure on the dam.



THE WORLD OF WOMEN



Novel designs in diamanté on a bandeau of nigger-brown tulle make this striking head-dress, for which Woolland Bros., Knightsbridge, S.W., are responsible.

THE Queen was very busy last week with many Christmas preparations. Also her Majesty had a cold, and kept indoors for a few days. The King enjoyed, on the whole, good weather for Sandringham, and the shooting was excellent. His Majesty enjoys wild-fowl shooting as well as any, and is as good a shot at snipe and woodcock, wild duck and widgeon, as at pheasants, grouse, and partridge. Prince Henry, of all the King's sons, is the best shot, and may make a reputation almost as good as his Majesty's. Princess Mary never had the least inclination for game shooting; her sports are hunting, racing and yachting, her favourite game being lawn tennis. The Queen has always been of all things feminine, and never cared for any out-door sports or games. Her Majesty was always fond of dancing, but modern fox-trots, blues, and such things do not intrigue the Queen at all.

Not often is a little girl's christening attended by her mother, grandmother, and great-grandmother.



Black satin beauté and a black lace crinoline over green georgette have been summoned by Woolland Bros. to fashion this graceful frock.

Tiny Miss Fiona Priscilla Smith was thus chaperoned through her baptismal rite. It was performed, moreover, by the Bishop of Meath, who is a greatuncle. The little lady behaved quite charmingly, heralding the departure of original sin with a little cry, or it may have been a crow of delight. There were several small cousins to see her through: the children of Captain and the Hon. Mrs. Tahu Rhodes and a baby cousin, the Hon. Mrs. Whidborne's little girl. It was quite a family party: there were Lady Novar, Lady Hermione Blackwood, Lady Ursula Blackwood, the Hon. Mrs. Plunket, the Hon. Mrs. Lyon, and Lady Doris Gunston. The godfather, for

whom the father acted, was Lord Cromwell. Somehow one expected it to be the Lord Protector Cromwell, quite appropriate for a godfather.

Novelty in weddings is always welcome, and it seemed quite a pretty idea for Miss Travers Lewis to be preceded up the nave of St. Margaret's Church, Westminster, by her own sister and the sister of

Lieutenant-Commander Learmonth Gilchrist, her bridegroom. These two grownup bridesmaids wore pink georgette dresses, wreaths of pink and blue flowers, and carried bouquets of white heather and pink roses, like the eight child bridesmaids who followed the bride to the chancel. The wee girlies, all of them pretty, had their skirts deeply flounced with pink marabout, which made them look very fluffy and light. In a way a civil wedding ceremony one day and a religious one the next is novel in our country. Lord and Lady Esmé Gordon - Lennox had it so, and all will wish so gallant a soldier and the daughter of a gallant sailor great happiness.

To the quite ordinary woman of the house, to whom her Church is a dear possession, it seems very odd that the heads of the Church of England are having dissensions at a time when so many of them and of their clergy generally are seeking carnestly for brotherly love and good fellowship. The ordinary woman loves her Prayer-book, and does not want it altered. That, however, is a large question, one about which she may not be qualified to offer a decided opinion from a theological view. To her it seems rather on the side of the ridiculous for bishops and deans to differ as to whether "amen" is to be sung to

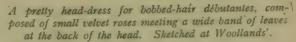
hymns or not, or only to canticles. Also, to the practical mind of her the way of progression does not seem to be a return to mediævalism, and on the surface of things some great churchmen seem to think it is—at least, so it seems to the Q.O.W.

We see in shop windows, among all the lure of Christmas cheer and gifts, "Hats for the Riviera and

Egypt." Looking at a collection so labelled, I saw not one suitable for the Riviera, and another window - gazer behind me said, "I know Egypt pretty well-at least, those parts of it where London and Paris hats go-but I never met any like these." There is a want of imagination about the use of such phrases on the part of some of our shopkeepers. They are quite nice things that are displayed nine times out of ten, and, labelled Paris models, might pass muster. It is rather the same thing with dresses, but not quite so apparent, because it is by their hats that we know them, the birds that South. Their plumage changed more about the head than the body.

There are kings and kings. The other day I heard of one that should appeal to children, "The King of Christmas Trees." He would not come up, one fears, to the little folks' picture of him, but he is a re-

ality, and Covent Garden is his haunt. He brings over trees for Christmas decoration, chiefly from Holland. Curiously enough, his name is Cohen and his race undoubtedly Semitic. His trees are, however, most reasonable in price. One about 3½ to 4 feet high may be purchased for ninepence—that is, before it



finds its way West. The trade in Christmas trees is a big affair, running into a turnover of many tens of thousands of pounds. The room they take up makes them a little difficult to deal with. The children of

the Midlands are particularly keen on their trees. Perhaps we may feel a little more forgivingly towards the Germans when we remember that wo owe these joys of childhood to them.

The Earl of Haddington and his Canadian bride have arrived in Scotland, where there was a real Scots welcome for them at the family seat, Tyninghame, where, however, the Dowager Countess of Haddington will continue to reside, young couple occupying another house on the estate not far away. The Earl of Airlie, whose Countess is a sister of Lady Haddington, was carried over the threshold of her Scottish home by her husband when she first crossed it. This may be a custom only in the "Bonnie Hoose o' Airlie." I fancy, however, that it is followed by other Chieftains, and is probably a survival of the times when they had to carry away their brides from "braggards in love and laggards in war," like that strenuous lover, young Loch-

Do children really grieve for Drury Lane and other pantomimes? One hardly thinks that they do when "Peter Pan" is still to the fore; also the kiddies just love the Drury Lane drama, which is rather a revelation in kiddies' tastes. Sitting behind six of them, aged from seven to nine, at a

matinée was almost as diverting as the play itself. They laughed, and the boys fairly shouted, their amusement over Edmund Gwenn and Ellis Jeffreys. Between the acts they left their stalls and clustered round their elders for explanation of such incidents as were not plain to their childish logic. I think they were young folk belonging to the Marquess and Marchioness of Lansdowne, who sat in the stalls



A fan of silver gauze and multi-coloured paillettes from Woollands', and a black-andgold turban, ornamented with bars of diamanté.



A reversible ostrich-feather fan of black and white, and a coronet of taffeta and velvet dahlias in soft tones of orange. They hail from the salons of Woolland Bros.

a row back and thoroughly enjoyed the children's enjoyment. The glitter and colour of pantomimes as they are to-day fail to impress little people as they used to do. Piccadilly Circus and other places illuminated with all sorts of advertisements in coloured lights fascinate them quite as much. A. E. L.

The John Haig Famous Hostelry Series



Ye Olde Dr. Butler's Head off Coleman Street City of London.

The Doctor's Sudden Cure

T is related of Dr. Butler, Court physician to James I., that on one occasion when he was living in a house on the bank of the Thames, a patient suffering from ague was brought over in a boat to see him.

The doctor quickly examined his patient from the window, diagnosed the trouble, then sent down to him two stalwart serving men, who suddenly plunged the astonished man into the water. So unexpected a shock and so great a fright as this immersion completely and permanently cured the man of his ailment.

In addition to his medical duties Dr. Butler found time to invent a particular brew of ale known by his name, which immediately became very popular. He established a number of taverns for its sale, to all of which were given the name of "Dr. Butler's Head." After the doctor's death, about 1618, the demand for his ale gradually died, and as a result the taverns have all disappeared with the exception of the one portrayed by our artist, which, established originally in 1616, is to-day a popular city luncheon house. It is interesting but not surprising to note that the disappearance of Dr. Butler's ale coincides with the first appearance of the original John Haig Whisky, which from the time of its introduction nearly three hundred years ago has never failed to preserve for itself a pre-eminence and popularity unrivalled.





By Affointment

Issued BY JOHN HAIG & CO., LTD., DISTILLERS, MARKINCH, FIFE, AND KINNAIRD HOUSE, PALL MAIL EAST, S.W.,

Everyone rejoices to find a box

CHRISTMAS IN THE SHOPS.

A WELCOME gift to smokers is the famous "De Reszke" cigarettes, of which special gift boxt. of 30, 100, or 250, Turkish or Virginian, are obtainable everywhere. Delightful offerings for women

are the "My Lady" cabinets, containing "De Reszke" cigarettes, with prettily coloured silk tips. The manufacturers, J. Millhoff and Co., 68, Piccadilly, W., have also sponsored another excellent brand, the "De Reszke" Egyptian blend, priced at 20 for 2s.

A thoroughly Inexpensive practical gift, Offerings. which every woman will appreciate, is this

real morocco sabretasche bag, obtainable for 21s. at Boots', 182, Regent Street, W. It is fitted with a long banknote pocket, several useful inner divisions, a captive purse, note-tablet, pencil, bevelled mirror, powder-puff, etc.

There are also to be found decorative biscuit-barrels of carved oak mounted with electric plate, ranging from 10s, 6d., and the same amount secures a complete manicure set contained in a case of real leather. Real hide attaché writing-cases, fitted



A USEFUL GIFT OF LEATHER; AT

BOOTS', 182, REGENT STREET, W.

a bott...
"Tsang-Ihang," a sweet fragrance from Tibet, is a present that is sure to please. It is sponsored by J. Grossmith and Son (a fact which

guarantees its excellence), and is obtainable everywhere

in decorative bottles, ranging from 2s. 9d. to 9s. 6d.

Gifts for Old Friends and New

of Barker and Dobson's chocolates amongst her Acquaintances. Christmas morn-

ing packages, and this firm's "Viking assortment, which is only 4s. a pound,

will be enthusiastically received by all discriminating persons. These chocolates are obtainable in boxes of every size and shape, containing many delicious flavourings. The well-known "Verona" and

"Belmont" varieties, at 5s. and 6s. per pound respectively, combine all these manifold advantages in ad-

dition to their own super-excellence.

Jewelled Watches. One is accustomed to regard a diamond -- and - plati-



A WELCOME OFFERING TO ALL SMOKERS: "DE RESZKE" CIGARETTES — SOLD

EVERYWHERE.

A New

Perfume.

perfume, and

bottle of

OFFERING REDOL-ENT OF OLD THIBET: " TSANG - IHANG " PERFUME - SOLD EVERYWHERE.

num watch as a much-prized but expensive gift which must unfortunately remain far out of reach. But at the London Jewellers Company, 131, Regent Street, W., there are exquisite affairs of diamonds and platinum from £19 19s. upwards, and it should be remembered that this firm give a warranty for fifteen years with every watch. They are making a feature of cut glass, as well as of vanity bags.

Thecheerful A Gift for atmosphere Men. of Christmas will certainly be assured to the

giver and recipient of a present of Dunville's famous whisky. The celebrated "V.R." and "Special Liqueur" brands can be obtained from all wine and

spirit merchants of prestige, in cases containing three, six, and twelve bottles.

A Point

Not Break.

gency.

A Point Strenuous times every-

necessary to carry a pocket pencil, and the "Venus

Everpointed "pencil can be

relied on in every emer-

stationers in gold, silver,

or silver plate, the prices

range from 5s. to £7, and

it is a gift which every busy

man or woman will appre-

ciate at all seasons.

To be able to minister to

Obtainable of all

a continual source

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can be used for

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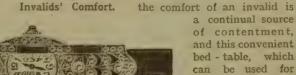
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one finds it



AND DOBSON'S DELICIOUS CHOCOLATES.

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A BEAUTIFUL DIAMOND-AND-PLATINUM WATCH; AT THE LONDON JEWELLERS' COMPANY, 131, REGENT STREET, W.

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sure of apprecia-tion. The table is designed and carried out by J. and A. Carter, of 125,

Great Portland St., W.) who are also responsible for readingstands which can be fixed to just the right focus, and luxurious recliningchairs which can be adjusted to any position. A visit to their salons will revealnumbers of other contributions to home comforts.



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Spontaneous and sincere are the thanks that the gift of a Gillette brings. This handsome shaving service is truly the most practical expression of Yuletide good-will it is possible to find. It is a gift that will be valued and used daily for years to come.

NEW STANDARD Triple Silver-Plated New Improved Gillette Safety Razor. Metal Box containing 12 double-edge Gillette Blades (24 shaving edges) in Genuine Leather Case, purple velvet and satin lined ... Also Gold Plated 25/-

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Packets of 12 (24 shaving edges) Packets of 6 (12 shaving edges) 4/6 2/3 Sold by Stores, Cutlers, Ironmongers, Chemists, Hairdressers and Jewellers everywhere.

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NO STROPPING

NO HONING



the smile in it."

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SCOTCH WHISKY

The great superiority of the quality of "BLACK & WHITE" is evidenced by an always increasing demand both in the Home and in the Export Market.

As a result of the compulsory stoppage of distillation for two years there is a serious shortage of Old Matured Scotch Whiskies, without which no blend of high-class quality can be produced.

JAMES BUCHANAN & CO., LTD., and their Associated Companies, are in the predominant and unrivalled position of holding upwards of 29,000,000 GALLONS of Scotch Whisky in Bond in Scotland.

SCIENCE JOTTINGS.

THE EAR OF THE WOODCOCK.

REMEMBER once being told that we know all that there is to know about British birds, and I have no doubt that there are still a number of people labouring under that delusion. Such are they who regard the study of British birds as beginning and ending with the acquisition of their names and the characteristics by which one species can be distinguished from another. Some, who like to collect their

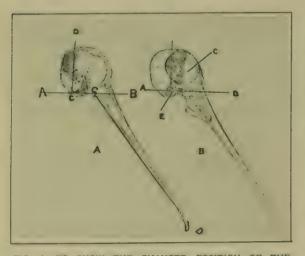


FIG. 1.-TO SHOW THE CHANGED POSITION OF THE EAR: A WOODCOCK SKULL IN DIAGRAM.

"The skull of a woodcock seen from the side, and bi-sected to show the changed position of the ear, and the very different angle of the long axis of the beak (C-D) in relation to the long axis of the skull (A-B)."-[Photograph by E. J. Manly.]

own specimens, of necessity learn something of the habits of their quarry; but the "saturation point," so to speak, of such people is soon reached—their curiosity is easily satisfied. Yet, if only they could be persuaded to look a little beneath the surface, to try and correlate habits and haunts with structure, how vastly more absorbing would the study of British birds

It is true that this conception of the study of our native birds is spreading, but it is still too limited in its scope, inasmuch as the all-important relationship between habit and structure is, for the most part,

ignored. An indication of the subtleness of this relationship was given on this page a few months ago, when, it may be remembered, I drew attention to

certain very extraordinary facts presented by a study of the external ears of owls. But yesterday I was brought back to another aspect of this theme by the arrival of a gift of woodcock. Of course, I could not resist the temptation to handle — I had almost said "fondle" — them, as I have done heretofore, times out of number. Among other things I sought once again, by measuring their beaks and noting the coloration of the outermost primary and the colours of the legs, to find some evidence of sexual distinc-

tions. But'I fared no better than others who have essayed this task. Finally, I turned once more to an examination of the external ear, which in this bird presents features that, in their way, are quite as difficult to interpret as those of the ears of the owls.

Some years ago I drew attention to the fact that the external ear of the woodcock is not only unusually large, but is quite abnormal in position, having regard to the place it occupies in relation to the eye in other birds. If a line be drawn along the groove formed by the meeting of the edges of the upper and lower jaws backwards to the eye, and another be drawn at right angles to this so as to pass through the rim of the hinder segment of the aperture of the ear, as shown in the accompanying photographs (Fig. 1), this vertical line will be found to pass upwards, in front of the eye. In the snipe the position is very much the same, though this aperture is not situated quite so far forwards. In all other birds, however, it will be found far behind the eye, as may be seen by comparing the outline figures of the head of the woodcock and the gannet (Fig. 2).

This, however, is not all. My very welcome gift comprised no less than five woodcock, and it occurred to me to compare them in this matter of the ear, to see whether they showed any marked differences.

Somewhat to my surprise, they did. No two heads, indeed, were exactly alike. The two most dissimilar heads are shown in the accompanying photographs

(Figs. 4 and 5). Herein, it will be noticed, they differ not only in size and shape, but also in that in one bird there is seen, almost in the very centre of the aperture, a small, light spot. This is formed by the point of articulation of the slender rod of bone known as the "Quad-rato-jugal" with the Quadrate-bone, forms the attachment of the lower jaw. Why this bony hinge should be exposed in one skull and not, or scarcely at all, in the other is by no means apparent. What signi-

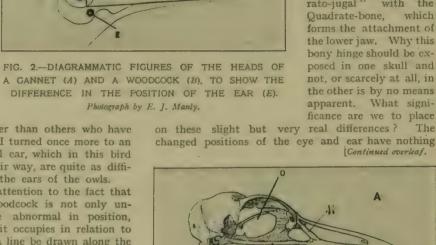


FIG. 3.—SHOWING THE POSITION OF THE EAR: THE SKULL OF A GUILLEMOT.

B.S

"The skull of a guillemot, seen from the side, and bi-sected, to show the Basi-cranial axis' (Ba) running continuously forward along the long axis of the beak. Note the V-shaped bar formed by the Nasal (N) and Quadrato-jugal (Oj)."--[Photograph by E. J. Manly.]







whatever to do with an increase in the size of the eye, or a change in its position. It is not the eye which has shifted backwards, but the ear which has been thrust forwards. And this movement is due to a shortening of what is known as the "Basicranial axis," or, in other words, the long axis of the



FIG. 4.-WITH THE EAR IN FRONT OF THE EYE: THE HEAD OF A WOODCOCK

"The ear of a woodcock, showing its remarkably forward position, since it opens in front of the eye instead of behind it."-[Photograph by E. J. Manly.]

base of the skull. In a bird such, for example, as the guillemot, this axis, as will be seen in the photograph of the skull of a guillemot on page 1128 (Fig. 3), produced forward, runs parallel with the long axis of the upper jaw. The position of the ear is shown in the figure of the guillemot's skull at E. The cranial axis runs forward as far as the base of the beak, and is thus of very considerable length.

Turn to the skull of the woodcock (Fig. 1), and it will be seen that this axis has been so shortened up that it has brought the back of the head downwards and forwards. Hence it has come about that the long axis of the cranium, instead of running forwards along the line of long axis of the beak, now cuts this axis diagonally, and at the same time it has become very greatly shortened. This profound change in the form of the cranium, which is now practically spherical in shape, we must apparently regard as having been brought about in response to the mode of feeding.

The woodcock, the gourmets fondly believe, lives upon "suction," whatever that may mean; hence this bird, like its cousin the snipe, is cooked with the "trail"—that is to say, without removing the intes-tines. The juices from this "trail" are made to drip upon a piece of toast, which is eaten by way of an

extra relish. As a matter of fact, the woodcock lives largely upon earthworms. They form its favourite food. In captivity they will devour an incredible quantity. ignorance is bliss, 'tis folly to be wise." But insects and their larvæ, small molluscs, and crustacea are also eaten.

The worms are obtained by probing in soft mud, and to this end the lower portion of the beak is richly supplied with tactile nerves, for it is by touch, not by sight, that these luscious morsels must be secured. And this brings us to another little-suspected peculiarity of the woodcock, which it shares in common with numerous other "waders" of similar feeding habits. It is clear that a long and very flexible beak could never be opened once it was thrust down, for the greater part of its length, into the earth, however soft it may be. But

by a special mechanism the tip of the upper jaw can be moved away from the lower jaw sufficiently far to enable a worm to be grasped as soon as its presence has been detected; and once a grip has been established these forceps can be withdrawn, together with their prize. This mechanism is very

If the skeleton of the upper jaw be simple. examined, it will be found that it is formed of three very slender bars running down to blend together, at the tip of the beak, into a solid and short rod. The two lower bars, which constitute the edentulous edges of the upper half of the beak, fuse with a pair of slender rods forming a V-shaped support. upper, free end of this V is fixed to the base of the upper of the three bars, the lower limb to the movable quadrate-bone, to which the lower jaw is attached. This quadrate in turn, through the medium of two short rods known as "pterygoid" bones, is enabled to exert a considerable forward thrust upon the lower pair of rods, forming the lower edges of the beak, so that whenever this thrust is exerted the tip of the beak is inevitably turned upwards away from the tip

of the lower jaw, to enable the grasping action just described to take effect. These levers, for such they are, are worked by special muscles.

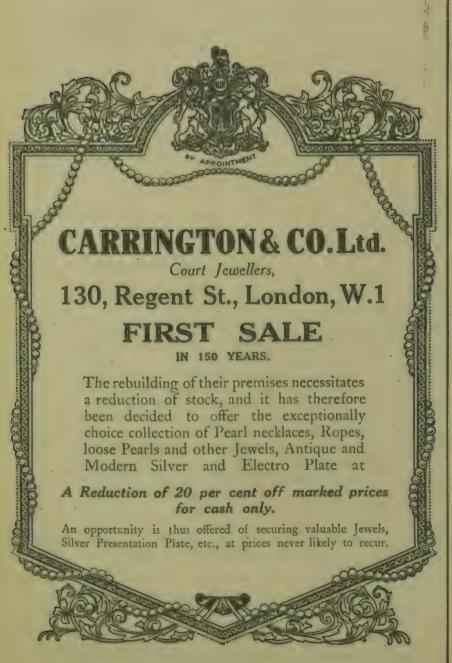
It would seem, then, that we have here a series of gradations of increasing perfection of this mechanism for seizing prey which can only be captured by probing in the ground. The woodcock represents the most perfectly adapted of all for this particular method of feeding. That is to say, it is the most highly "specialised," the cranium having become profoundly modified as a consequence of this "adaptation." It also, as one would expect, seems to depend more upon a diet of worms for its sustenance than any others of its kind.

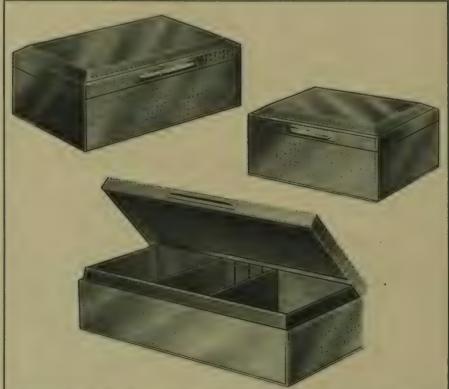
The changed position of the aperture of the ear may not be merely an "accident," consequent on the shortening of the axis of the base of the skull. It may well have been a factor in the trend of evolution, enabling the bird to bring to its aid the sense of hearing to the sense of touch. That is to say, it may first hear the bristles of the worm, which serve it as feet, grating against the sides of the burrow before it thrusts in its beak. This surmise may some day be put to the test by experi-W. P. PYCRAFT. ments on captive woodcock.



FIG. 5.-WITH A DIFFERENTLY SHAPED EAR: ANOTHER WOODCOCK HEAD.

"The ear of a second specimen, showing a bony spur in the centre of the aperture, which differs in shape from that of its fellow. The dark oblong shadow marks the actual passage to the inner ear."-[Photograph by E. J. Manly.]





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MAPPINEWEBB

London Showrooms: 172, Regent St., w.1. 2, Queen Victoria St., E.c. 4. 158-162, Oxford St., w.1.

RADIO NOTES.

N Monday last most of the British Broadcasting stations altered their respective wave-lengths, with a view to improving reception in various localities. Formerly, listeners using multi-valve sets experienced difficulty in tuning out a local station in order to tune in another. For example, the London and Bournemouth stations differed by twenty-two metres only; but under the new arrangement they are now separated by thirty-five metres.

The new wave-lengths are now as follows-

WAVE-LENGTH.	STATION.	CALL.
350 metres	London ·	2LO
370 ,, _	Newcastle	5NO
385 ,,	Bournemouth	6BM
400 ,,	Manchester	2ZY
420 ,,	Glasgow	5SC
435 "	Cardiff	5WA
475 "	Birmingham	5IT
495	Aberdeen	2BD

Londoners with valve receiving-sets tuned by rotating two condensers will note by the above table that all other broadcasting stations may be found by altering the condenser dials to higher readings than those for the London tuning position. Listeners in Aberdeen will require to turn the dials to lower readings for all stations except Aberdeen. Bournemouth listeners will discover Newcastle and London below the Bournemouth setting; and, above it, Manchester, Glasgow, Cardiff, Birmingham, and Aberdeen, in this sequence.

Readers who have only just become owners of multi-valve receivers in which authorised "Reaction" is employed should remember that the "Reaction Coil" must be kept well away from its companion coil whilst listening to the local broadcasting station. Clearer reception is obtained in this manner, and "oscillation," or "howling," is prevented, which otherwise might cause interference to other listeners. When it is desired to tune in a distant station, it is necessary to bring the "Reaction" coil closer to its companion or "Anode" coil, until a sound like rushing water is heard. When the condenser knobs are in certain positions, transmission from the distant station will be made audible by a whistling note, which represents the "carrier wave." The whistle alters in pitch as the condenser

dials are turned to the right or to the left. Each dial should be turned separately or together until the whistle becomes a very low note. The reaction coil should then be moved away slightly from the anode coil until pure telephony is heard.



INVENTOR OF THE THERMIONIC VALVE WHICH MADE RADIO-TELEPHONY POSSIBLE: PROFESSOR JOHN AMBROSE FLEMING. The whole world is indebted to Professor Fleming for his invention of the Thermionic Valve, which revolutionised wireless communication. In addition to their use in the transmission of radio-telephony, thermionic valves enable thousands of the public in their own homes to listen to broadcasts from near or distant sources.—(Photograph by Photopress.)

It should be mentioned that tuning-in long-distance stations is not so easy to accomplish as is the tuningin of a local broadcast, which may be heard over a fairly large range of the condensers. The final adjustments for long-distance reception require exceptionally gentle handling—often a movement of a fraction of an inch of the reaction coil or of the condensers will bring in or cut out the desired station.

During the recent Transatlantic broadcast tests, the American stations WGY, New York, and WJZ, Schenectady, N.Y., were heard by over 130 listeners in different parts of Great Britain. It is not of much use attempting to pick up American broadcasts unless the receivingset employs three or four valves, one of which is for "High Frequency" amplification of the weak waves before detection takes place. A good aerial, about 100 feet long, as high as possible, and a good earth connection are necessary also. Between 2 and 3 a.m. is the best time to search for American broadcasts, and WGY-380 metres-may be found by manipulation of the condensers between the Newcastle and Bournemouth settings. WJZ-455 metres-may be discovered between the condenser positions usual for Cardiff and Birmingham. another page in this issue we illustrate the use of radio in Arctic exploration. The Merton College (Oxford) expeditionary ship Terningen was fitted with radio-transmitting apparatus by means of which communication was established with a sledge party, isolated-except for radioabout sixty miles away. A Burndept "Etho-phone" four-valve receiver installed in the ship's wireless cabin picked up the daily time signals from the Eissel Tower, Paris, about 2000 miles away. In addition, parts of the broadcast entertainments from Newcastle were heard whilst the ship was at Spitzbergen, and also during the voyage home.

We have referred before to the wonderful achievements of the "Ethophone" broadcast receiver, and it is of interest to record that by its use American broadcasts were heard on Nov. 27 at Sevenoaks, Bristol, Southampton, Newcastle, Exmouth, and Brighton. City or town readers who may have been troubled during reception by frequent repetition of a terrific noise—as though a thousand tons of sand were falling down a chute—may be interested to know that the sound is caused during periods of frost by the overhead trolley arms of electric

tram-cars. Unfortunately, there seems to be no cure for this nuisance, which continues even when an indoor aerial is used, without an earth connection.—W. H. S.







BURNDEPT Ltd., Manufacturers of wireless apparatus, wish you all a very happy Radio Christmas and a Cheery and Prosperous New Year.

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WITH THE DINOSAUR-EGG DISCOVERERS IN MONGOLIA: COMMISSARIAT TROUBLES.

TOWARDS the end of his article on the dinosaur eggs, Mr. Roy Chapman Andrews, leader of the American Expedition, mentions (on page 1110) difficulties due to delay in the arrival of a caravan with food supplies. The following passage, omitted on

that page for reasons of space, gives some interesting further details. Its place in the article is just after the reference to "Morris's pants":—

"We knew that, even if the caravan never reached us, we should not starve, for there was plenty of meat. Thousands of antelopes were on the plains, and sheep could be got from the natives. The Mongols live upon animal products-milk, cheese, and mutton are their only food. We were afraid of milk even after it had been boiled, for the vessels in which it was collected were so filthy that dysentery and similar diseases would certainly have developed in our party had we used it very extensively. I tried to have the goats milked into some of our own pails, but they were so unlike those used by the Mongols that the animals were afraid and would give no milk at all. The cheese was even worse than the milk, and to watch the process of making it totally destroyed our appetite. The natives have developed immunity from germs, but our experience of the year before demonstrated that the use of either milk or cheese was certain to bring us disastrous results. The diet of meat was somewhat monotonous, but did not cause us

any real inconvenience. We ate fried antelope for breakfast, followed by stewed antelope for tiffin, and roast antelope for dinner. Our only discomfort was the lack of sugar. I myself use very little sugar ordinarily, but when I was deprived of it altogether I could think of nothing else, and even used to dream of it at night.

"One day we discovered the caravan of Chinese traders who were on their way to Turkestan and Kashgar. From them we obtained a double handful of a substance that they said was sugar, but looked more like coal; nevertheless, since it tasted sweet, I brought it back to camp in triumph. With the black lumps on the table, we debated how the treasure should be distributed. Finally, it was decided to divide it into eight equal portions. After everyone had passed judgment upon the divisions and agreed that they were as nearly equal as it was possible to



FROM LONDON TO BRUSSELS BY AIR—FOR LESS THAN TEN SHILLINGS: MR. ALAN COBHAM AND HIS LIGHT AEROPLANE, WITH 6-H.P. ENGINE.

Mr. Cobham flew from Edgware to Croydon; landed at Lympne because of thick fog; and then flew straight to Brussels. His flying time was four hours, five minutes, for about 150 miles. His machine was a De Havilland 53, fitted with a 6-h.p. Blackburn engine. It is estimated that the flight cost less than ten shillings—petrol, 6s.; oil, about 1s. 3d.—[Photograph by L.N.A.]

make them, we put corresponding numbers in a hat and drew lots. Each man then took his share, to do with it as he pleased. When we gathered for the next meal, everyone brought his packet of sugar with him as during war-time rationing. Granger ate his all at once, but the rest of us spread our portions out for several days. Johnson decided that he would make his into syrup, but when the substance had been boiled

and he saw the variety of insects, twigs, and other débris that floated to the surface, he admitted that 'we ere ignorance is bliss, 'tis folly to be wise.' I preferred to take the insects in a solid state, and made my sugar into a round ball about the size of a walnut, which I could nibble at sparingly whenever I had a cup of tea.

When our food began to get low, I sent riders out for a hundred miles to north and south, hoping to get some news of our camels. They both returned with-

out information, except that the Mongols whom they encountered assured them that no large caravan had passed that way. The situation finally became so serious that I decided to send two of my picked Mongols back along the trail that the caravan probably would follow, until they either encountered it or reached the spot from which it had started. I gave them orders not to return without news of some kind. They took different routes, but at the point where the two trails joined one of the men returned because his ponies were exhausted, and left the other to go on alone. This man, Tserin, a young fellow in whom I had the greatest confidence, rode horseback for more than a hundred miles, until he reached a point where the feed was so scanty that ponies could no longer be used. Then he obtained a camel and went on across the desert for six or seven days without seeing a human being. Finally, two Lama priests appeared on ponies, and, coming up at full speed, attacked him with their riding-whips. He was knocked insensible, and, when he recovered consciousness, found that his money and a pair of valuable field-glasses belonging to Granger had been stolen from

him. Tserin was so badly injured that he lay ill in a temple for some time before he was able to start back to us. Several weeks later he reached our camp in very bad condition, after having ridden and walked for nearly three hundred miles. The poor fellow was heartbroken, because, since he had no money with which to hire camels, and, besides, was so ill that he could barely ride, he had to return without fulfilling his mission."

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The present price of "Red Tape" Whisky is 13/-—no more. It could not possibly be sold at 13/-, were it not for existing stocks, as further supplies are unobtainable except at prohibitive prices.

Old devotees, and associates new to "Red Tape," say alike that they have never tasted "Red Tape's" equal.

You will almost certainly prefer "Red Tape" Whisky for Xmas. If you do not know where to obtain it locally, send us your cheque for £7. 16. 0 and we will forward a case of 12 bottles through our nearest Agents.





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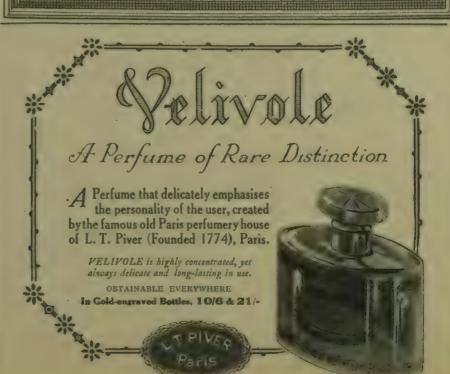
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Enterpression management and the contract of t







get at them in washing the car. It is noisy, since it acts more or less as a sounding-board and accentuates

THE CHRONICLE OF THE CAR.

Quite a lengthy discussion has Disc Wheels. been raging over the merits and demerits of the disc in comparison with wire and steel spoked wheels. On the whole, I think the opponents of the disc seem to have scored, and I am quite with them. I consider the disc wheel an abomination, without a single comparative merit save that of cheapness-and that does not concern me so much as it does the car manufacturer who seeks to save a few shillings per car by its adoption. The most that its advocates seem able to urge in its favour is that it is easy to clean. Even in this they are wrong. It is easy enough to clean the outside of the disc, but far otherwise where the inside is concerned. It masks the axles, so that one cannot

every sound made by the axles and transmission generally. It too often has a habit of getting out of shape, and therefore running un-In a word, it is just as I have described it—an abomination. For my own part, I prefer the steel-spoked wheel to any other. It is true that there is more "life" in the wire suspension wheel, but there the advantage of the type begins and ends where touring practice is concerned The steel detachable wheel requires a lot of beating.

Another Standard Competition.

It will be remembered that early in the present year the Standard Motor Company, Ltd., of Coventry, organised a compe-

tition for the benefit of the hospitals throughout the country, besides presenting for it as a first prize an 11-14-h.p. four - seater Standard light car. Through their efforts a sum of £3000 was divided among the hospitals throughout the country. The directors of the company have now decided again to present for the benefit of hospital funds a Standard car - this time a 14-h.p. five-seater. The affair is already in full swing, and the decision will be made towards the end of January. Tickets (1s. each) can be obtained from the Standard Motor Company, Ltd., at Coventry and 49, Pall Mall, London, S.W.1., or from any of the agents for the sale of Standard

Speed Records in 1924. ought to be prolific in high-speed performances. Some very high-powered

cars are being built for the express purpose of lowering the records at present held by Captain Campbell and his 350-h.p. Sunbeam. First in the field is the well-known constructor, M. Delage, who has



PRICED AT £465: A 10-15-H.P. WINDSOR COUPÉ.

built a racing car of nominally 350 h.p. which seems to have come up to expectations. At any rate, I hear he has issued a challenge to Captain Campbell to take the big Sunbeam to France to race for world's records against the Delage. Fiats also are said (though whether this is accurate or not I cannot say) to have something very fast in hand for the same purpose: i.e., the capture of world's records. All the speed monsters, old and new, will probably meet at Fanoe Island in August, when some really astonishing speeds should be seen. The newcomers will have to be fast, too, to lower the colours of the Sunbeam.

Talking about records, some confusion still exists in the mind of the motoring public on the subject of world's records, and the R.A.C. again points out that world's records can only be claimed for speed, irrespective of class. A habit appears to be growing among motor-manufacturers who beat existing class records at Brooklands of announcing the results as world's records, but this is altogether misleading. The decision as to what constitutes a world's record rests with an international committee, and the right to publish is clearly defined in the following paragraph in the "R.A.C. Competition Rules": "When an attempt on a world's record is successful, the result

At the recent Olympia Motor Show the Lanchester 2! h.p. 6-cylinder Car was considered to be the "Lion of the Show."

Designed to meet the ever-increasing demand for a highgrade car of medium power, it

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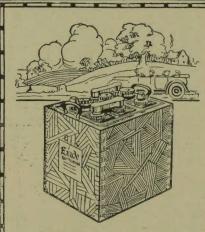
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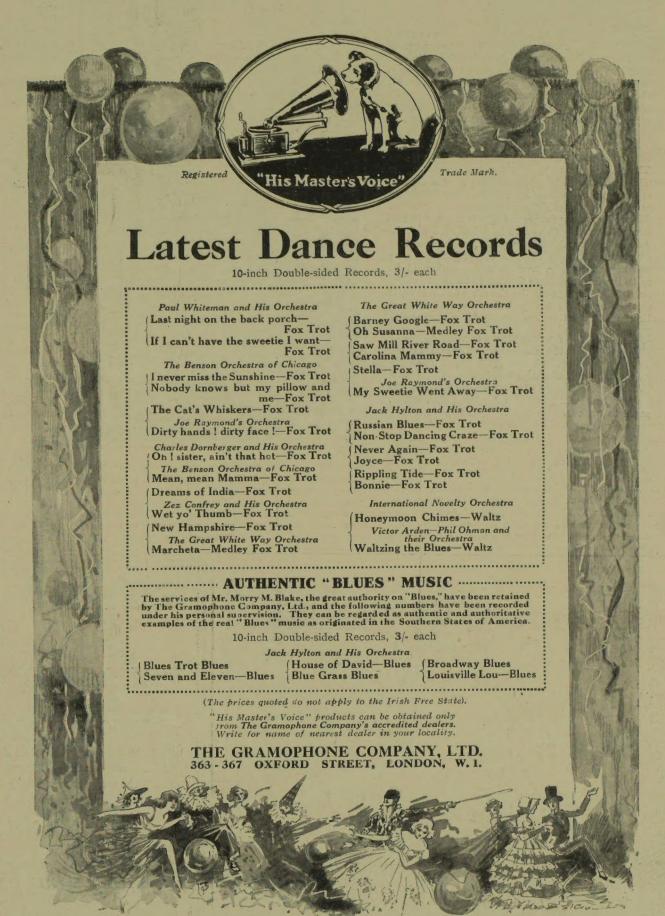
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Kenilworth Cigarettes

MISCELLANEOUS.

ALL who are in search of unusual presents should A visit Floris, the celebrated parfumeur, of 89, Jermyn Street, S.W., who has designed beautiful cut-glass powder-bowls in the attractive cupola shape (price £3 3s.), and fascinating puffs of every description. Naturally, his famous perfumes, "Malmaison," "Chypre," "Jasmin," etc., are gifts which will delight every discriminating person.

The production of the Wilkinson Safety Shaver is a matter of vital interest to all men, as it has been carefully designed to express the maximum of convenience. The new roller guard glides smoothly over the face, preventing any annoying scraping, and the real hollow-ground blade will keep its finely tempered edge indefinitely. Sponsored by the Wilkinson Sword Company, it is obtainable everywhere, and, contained in strong cases, complete with blades, strop, etc., it makes an appropriate Christmas gift every man will appreciate.

Chocolates play a large part in this season's festivities, and a goodly supply of "Meltis" will ensure successful Christmas gatherings. The "Gaiety" assortment, enclosed in brightly coloured boxes and comprising no less than fifteen different flavours, is obtainable in 1-lb. and ½-lb. boxes, at 4s. and 2s. 3d. respectively; and the attractive oval boxes in various designs, containing "De Luxe" chocolates (from 7s. 6d.), make extremely acceptable gifts. The well-known "Dessert" and "Creamy Milk" varieties, beloved by all children, are naturally sure to please.

With Christmas almost upon us, everybody is busy seeing that the contents of the wine cellar are sufficient to meet the extra demands which the festive season creates. Champagne is a necessity at all celebrations, and its inclusion at the dinner table is always hailed with pleasure by everyone, particularly if it is "Charles Heidsieck" Extra Dry. For a Christmas gift, too, there is nothing more acceptable than a bottle of this femous make

Those who favour Christmas cards, calendars, and Those who favour Christmas cards, calendars, and booklets of the popular and humorous type, produced in an elegant style, cannot do better than ask for the wares of Messrs. Hills and Co., Ltd., which are obtainable from all high-class stationers, booksellers, and fancy-goods dealers. Messrs. Hills have been actual makers in London for over forty years, and their productions are marked by excellent printing and finish, with a choice of subjects in large variety, likely to with a choice of subjects in large variety, likely to appeal to the average man, woman, and child. Especially notable is the "Days Reminder" calendar, with a page for each day of the year, and spaces for hourly appointments, published at 4s. and 10s. 6d. This is particularly appropriate for professional and business people.

A very acceptable Christmas gift is a case containing three bottles of Stewart's Green Stripe whisky. This is obtainable for 37s. 6d., there being no charge for the case. Six-bottle cases are sold at 75s., and single bottles of Green Stripe at 12s. 6d. All wine merchants now hold a good stock of this celebrated brand, but those who intend to present cases of Green Stripe as Christmas gifts should order early, as there is always a big demand for this whisky just before

TOM SMITH'S CRACKERS.

CHRISTMAS is invariably associated with crackers, and crackers with the massociated with crackers, and crackers with the name of Tom Smith. The specimens of his productions received this season are fully up to his high reputation. Among the more sumptuous sort we may mention particularly the boxes sumptuous sort we may mention particularly the boxes entitled "Artistic Crackers for Table Decoration," containing fans, flowers, rings, and mottoes; "Animated Insects and Reptiles"; and "the Spirit of Christmas," wherein are miniature champagne bottles, goblets, and so on, each with a quip or a joke. Tom Smith's "Monster Snowball" is assured of popularity, and the "Surprise Tub" will intrigue many into making a happy purchase. "Listening-in" is sure to be sold "broadcast"; and "Our Charming Prince," happily named, will make a strong appeal. Tom Smith also offers "Treasures from Luxor," very topical just now," "Xmas Joys," "Musical Crackers," and "Whirligig Carnival" crackers to grace the festive board. Every taste and every pocket is catered for. There is also, for the young folks, a Santa Claus stocking containing, among other things, a trumpet and a doll, boxes of hats, caps, and bonnets, monster crackers, midget crackers, and just plain crackers.

Christmas cards of a religious type, at once tasteful and inexpensive, are issued in great variety by Messrs. A. R. Mowbray and Co., the well-known ecclesiastical publishers, of 28, Margaret Street. The improvement in this very appropriate kind of Christmas remembrance has been very marked of late years. marked of late years.

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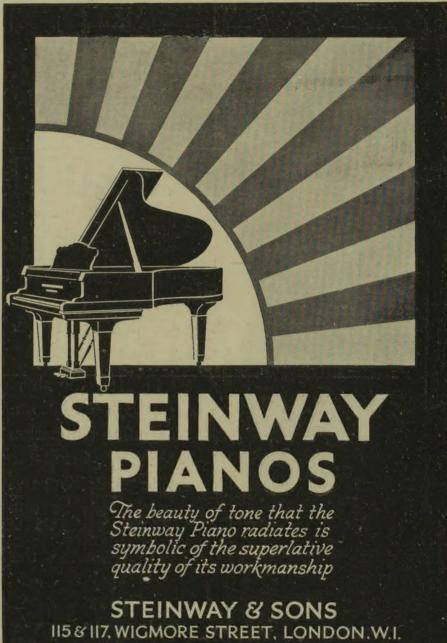
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